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JOURNAL OF IMMUNOLOGICAL METHODS

EDITORS:

V. NUSSENZWEIG

M.W. TURNER

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Scope of the Journal

The JOURNAL OF IMMUNOLOGICAL METHODS is devoted to covering techniques for: (1) quantitating and detecting antibodies and/or antigens and haptens based on antigen-antibody interactions; (2) fractionating and purifying immunoglobulins, lymphokines and other molecules of the immune system; (3) isolating antigens and other substances important in immunological processes; (4) labelling antigens and antibodies with radioactive and other markers; (5) localizing antigens and/or antibodies in tissues and cells, in vivo or in vitro; (6) detecting, enumerating and fractionating immunocompetent cells; (7) assaying for cellular immunity; (8) detecting cell-surface antigens by cell-cell interactions; (9) initiating immunity and unresponsiveness; (10) transplanting tissues; (11) studying items closely related to immunity such as complement, reticuloendothelial system and others. In addition the journal will publish articles on novel methods for analysing the organisation, structure and expression of genes for immunologically important molecules such as immunoglobulins, T cell receptors and accessory molecules involved in antigen recognition, processing and presentation. Articles on the molecular biological analysis of immunologically relevant receptor binding sites are also invited. Submitted manuscripts should describe new methods of broad applicability to immunology and not simply the application of an established method to a particular substance.

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Ascites tumor; BALB/c; Polyclonal antibody production; Pristane; Freund's adjuvant; *Chlamydia trachomatis*; *Borrelia hermsii* (Cevenini, R. (140) 111)

Borrelia hermsii
Ascites tumor; BALB/c; Polyclonal antibody production; Pristane; Freund's adjuvant; *Chlamydia trachomatis*; *Borrelia burgdoferi* (Cevenini, R. (140) 111)

Bovine tissue
Hsp70; ELISA; Chicken antibody; Heat-shock protein (Gutierrez, J.A. (143) 81)

Boyden chamber
Chemotaxis; Lymphocyte migration; Lymphocyte subpopulation; Antibody staining; Immunogold labeling (Schell-Frederick, E. (139) 25)

Brain parenchyma
Lymphocyte isolation; Flow cytometry (Irani, D.N. (139) 223)

Branched peptide
Antipeptide serum; Immunogenicity (McLean, G.W. (137) 149)

Bromodeoxyuridine
Lymphocyte transformation test; ELISA; Microtiter plate; (Antigen) (Huong, P.L.T. (140) 243)

C

C1
Serine esterase; Chromatography, affinity (Lane, P.D. (141) 219)

C1q
Immune complex; Anti-C1q antibody; Collagenase (Menzel, J.E. (138) 165)

C3
Cobra venom factor; C5 (Van den Berg, C.W. (136) 287)

Opsonization; Complement; C4; Flow cytometry; Polystyrene microsphere; Deficiency (Spycher, M.O. (145) 83)

C3, guinea pig
Chromatography, fast protein liquid; Chromatography, anion-exchange; C3, human; Purification method (Basta, M. (142) 39)

C3, human
Chromatography, fast protein liquid; Chromatography, anion-exchange; C3, guinea pig; Purification method (Basta, M. (142) 39)

C4
Opsonization; Complement; C3; Flow cytometry; Polystyrene microsphere; Deficiency (Spycher, M.O. (145) 83)

C5
Cobra venom factor; C3 (Van den Berg, C.W. (136) 287)

C5a
Neutrophil; Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; Chemotaxis; Cellulose nitrate filter; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Calcium flux
Flow cytometry; Fluo-3; Monoclonal antibody; Mitogen (Sei, Y. (137) 237)

Calculation model
Affinity; Monoclonal antibody (Larsson, Å. (137) 253)

Calf thymus nuclear extract
Su antigen; Deoxyribonuclease I; Immunoblotting; Immunoprecipitation (Treadwell, E.L. (142) 157)

Calmodulin
Chromatography, antigen affinity; Affi-Gel; Affi-Prep; Antinuclear antibody; Anti-DNA antibody; (Antibody) (Sweet, S.C. (136) 31)

ELISA, indirect; Calmodulin antagonist (Liliom, K. (143) 119)

Calmodulin antagonist
ELISA, indirect; Calmodulin (Liliom, K. (143) 119)

Cancer cell line
Wegener's granulomatosis; Anti-neutrophil cytoplasmic antibody; Proteinase 3; Antigen shuttling; Immunofluorescence technique (Mayet, W.J. (143) 57)

Candida albicans
Adherence; Ex vivo binding; Tissue binding (Riesselman, M.H. (145) 153)

Carbohydrate
Biotinylation; IgG1; Mab J28; Fetoacinar pancreatic antigen (Miralles, F. (140) 191)

γ-Carboxylation
Monoclonal antibody; Sandwich enzyme immunoassay; Osteocalcin (Koyama, N. (139) 17)

Carboxy terminus
Insulin; Insulin A chain; Radioimmunoassay; (Antibody) (Müllner, S. (140) 211)

Cathepsins B, L, D
Anti-peptide antibody; Type IV collagenase; Immunoinhibition (Coetzer, T.H.T. (136) 199)

CAT reporter gene assay
Peritoneal macrophage, mouse; DEAE-dextran mediated transfection; DNA transfer (Rupprecht, A.P. (144) 157)

$CD4^+$
T cell hybridoma; Intra- and inter-species hybridization (Boots, A.M.H. (144) 1)

$CD4^+8^+$ thymocyte
Apoptosis; Flow cytometry (Swat, W. (137) 79)

CD8
Differentiation; Heterodimer; Lymphocyte; Transfectant (DiSanto, J.P. (141) 123)

$CD56^+$ cell
Immunomagnetic isolation; Natural killer cell; Lymphokine-activated killer cell; Monoclonal antibody, CD56; Positive separation (Naume, B. (136) 1)

CELISA
Insulinoma cell line, rat; Monoclonal islet cell reactive antibody (Schlosser, M. (140) 101)

Cell adhesion molecule
Avidin-peroxidase; Biotin; ELISA; Epithelium; Lymphocyte (Pearce-Pratt, R. (140) 159)

Cell culture
Lymphokine activated killer cell; Tumor infiltrating lymphocyte; CS3000; Immunotherapy; Hollow fiber bioreactor (Yanelli, J.R. (139) 1)

Cell culture medium
Purification; (Antibody) (Graf, H. (139) 135)

Cell cycle
BCL_1; Amino acid depletion (Isakson, P.C. (145) 137)

Cell death
Apoptosis; Cell lysis; Cytotoxic T cell; ^{51}Cr release; [^{3}H]Thymidine (Matzinger, P. (145) 185)

Cell fusion
Monoclonal antibody, chicken; B cell line (Nishinaka, S. (139) 217)

Monocyte; Hybridoma; Monokine (Shaked, A. (140) 45)

Hybridoma; Monoclonal antibody, human; GIT medium (Kudo, T. (145) 119)

Cell line
Spleen; Macrophage; Colony stimulating factor-1; Antigen presentation (Wilson, C.M. (137) 17)

Cell lysis
Apoptosis; Cell death; Cytotoxic T cell; ^{51}Cr release; [^{3}H]Thymidine (Matzinger, P. (145) 185)

Cell-mediated immunity
Intrasplenic immunization (Grohmann, U. (137) 9)

Cell separation
Immunomagnetic; Microsphere (Gee, A.P. (142) 127)

Cell surface antigen
Leukocyte; Flow cytometry; Monoclonal antibody; Clotted blood; Leukemia (De Vis, J. (137) 193)

Epitope; Monoclonal antibody (Wilson, B.E. (139) 55)

Monoclonal antibody; Immunoreactive fraction; Kinetic parameter (Dux, R. (144) 175)

Cellular immunity
Indomethacin; Migration inhibition factor; Sensitive assay (Van der Gaag, R. (136) 69)

Cellulose nitrate filter
Neutrophil; Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Chemotaxis; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Cellulose polyacetate electrophoresis
Major histocompatibility complex class II molecule; Peptide binding; Chromatography, thin layer; Nitrocellulose membrane (Nag, B. (142) 105)

Cerebrospinal fluid
HIV; Recombinant antigen; Intrathecal antibody synthesis; HIV-encephalitis; ELISA (Weber, T. (136) 133)

IgD; Isoelectric focusing (Mavra, M. (144) 63)

Ceruloplasmin
Hemagglutination assay; Human liver tissue (Davis, W. (145) 205)

Chemiluminescence
Phagocytosis; Neutrophil (Sandgren, C.H. (141) 63)

Chemiluminescent sandwich enzyme immunoassay
Reduction of non-specific binding; α-Fetoprotein (Aoyagi, S. (137) 73)

Chemotaxis
Neutrophil; Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Cellulose nitrate filter; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Lymphocyte migration; Lymphocyte subpopulation; Antibody staining; Immunogold labeling; Boyden chamber (Schell-Frederick, E. (139) 25)

Blood; Polymorphonuclear neutrophil; Nycodenz; (Rat) (Freeman, G.E. (139) 241)

Polymorphonuclear leukocyte; Collagen gel; Visual assay; Leukotriene B_4 (Haddox, J.L. (141) 41)

Neutrophil; Image analysis; Computerized method (Jensen, P. (144) 43)

Chicken antibody
Hsp70; ELISA; Bovine tissue; Heat-shock protein (Gutierrez, J.A. (143) 81)

Chicken IgY
Protein A; *Staphylococcus aureus*; ELISA; IgG (Linder, L.E. (145) 241)

Chimerism
In situ hybridization; Immunophenotype; Bone marrow transplantation; Immune reconstitution (Wang, Q. (139) 251)

Chlamydia trachomatis
Ascites tumor; BALB/c; Polyclonal antibody production; Pristane; Freund's adjuvant; *Borrelia burgdoferi*; *Borrelia hermsii* (Cevenini, R. (140) 111)

Cholecystokinin
dot-ELISA; Peptide; Monoclonal antibody; Phe-Met-Arg-Phe-amide (Sithigorngul, P. (141) 23)

Cholera toxin
Mucosa; Intestine; Migratory; Immunization; Transplant; IgA (Kantak, A.G. (138) 191)

Trichinella; Coproantibody; IgA; ELISA (DeVos, T. (141) 285)

Chromatography, affinity
Epithelial mucin; Monoclonal antibody purification; Synthetic peptide epitope (Price, M.R. (139) 83)

C1; Serine esterase (Lane, P.D. (141) 219)

Chromatography, anion-exchange
Chromatography, fast protein liquid; C3, human; C3, guinea pig; Purification method (Basta, M. (142) 39)

Chromatography, antigen affinity
Affi-Gel; Affi-Prep; Anti-nuclear antibody; Anti-DNA antibody; Calmodulin; (Antibody) (Sweet, S.C. (136) 31)

Chromatography, fast protein liquid
Monoclonal antibody purification; Blue DEAE gel; Thiophilic adsorption (Juronen, E. (136) 103)

Guinea pig immunoglobulin; IgE, IgG1; Hypersensitivity (Karol, M. (139) 123)

Chromatography, anion-exchange; C3, human; C3, guinea pig; Purification method (Basta, M. (142) 39)

Chromatography, monoclonal immunoaffinity
Placental protein 14; Monoclonal antibody; Protein purification; Lactoperoxidase iodination; Urine PP14 (Riittinen, L. (136) 85)

Chromatography, thin layer
Major histocompatibility complex class II molecule; Peptide binding; Nitrocellulose membrane; Cellulose polyacetate electrophoresis (Nag, B. (142) 105)

Chromatograpy, high performance thin layer
Immunoblot; ELISA; Enzyme immunoassay; Zearalenone; Aflatoxin; Mycotoxin (Pestka, J.J. (136) 177)

Chromium-51 release
Cytotoxicity; Biliary epithelial cell (Ayres, R.C.S. (141) 117)

Chromium release
Granzyme A; BLT esterase; Cytotoxic T lymphocyte; Synthetic peptide (Suhrbier, A. (145) 43)

Chromogenic substrate
Enzyme immunoassay; Time-resolved fluoroimmunoassay; Fluorogenic substrate (Roberts, I.M. (143) 49)

Chronic ambulatory peritoneal dialysis
Complement factor D; Purification; Peritoneal fluid; Renal failure; (Human) (Catana, E. (138) 265)

Class I processing
Cytotoxic T lymphocyte; pH sensitive liposome; Osmotic loading; (Antigen) (Reddy, R. (141) 157)

Class-switch variant
In vitro immunization; Sequential sublining; IgM hybridoma (Mercken, M. (138) 173)

Cleavage site
Epitope; IgG2, human; Monoclonal antibody; Pepsin; Papain (Harada, S. (141) 89)

Cloning
Heterohybridoma, human; B cell chronic lymphocytic leukemia; Feeder layer (Sanchez, B. (145) 193)

Cloning method
Azaguanine-resistant hybridoma; Trioma (Kontsekova, E. (145) 247)

Clonogenic microassay
Lymphokine activated killer cell; Agar capillary (Echarti, C. (143) 41)

Clotted blood
Leukocyte; Cell surface antigen; Flow cytometry; Monoclonal antibody; Leukemia (De Vis, J. (137) 193)

Cluster analysis
Monoclonal antibody; Listeria monocytogenes (Skjerve, E. (144) 11)

Coating
Adsorption; ELISA; Polymeric; Biomaterial (Underwood, P.A. (142) 83)

Coating procedure
Anti-cardiolipin; Autoantibody; Autoimmunity; Assay temperature (Firer, M.A. (143) 31)

Cobra venom factor
C3; C5 (Van den Berg, C.W. (136) 287)

Collaborative study
Interleukin-1 (Poole, S. (142) 1)

Collagenase
Immune complex; Anti-C1q antibody; C1q (Menzel, J.E. (138) 165)

Collagen gel
Polymorphonuclear leukocyte; Chemotaxis; Visual assay; Leukotriene B_4 (Haddox, J.L. (141) 41)

Colloidal dye
Immunoassay; Dipstick; Antigen (Snowden, K. (140) 57)

Colony assay
Bacterial colony; Antibody fragment (Dreher, M.L. (139) 197)

Colony stimulating factor-1
Spleen; Macrophage; Cell line; Antigen presentation (Wilson, C.M. (137) 17)

Colorimetric assay
Proliferation assay; Tetrazolium salt; XTT (Roehm, N.W. (142) 257)

Eosinophil; Eosinophil peroxidase; Kinetic assay (White, S.R. (144) 257)

Leukemia inhibitory factor; Differentiation inducing factor; Tetrazolium salt; MTT; Interleukin-6 (Ohno, M. (145) 199)

Complement
Receptor, complement; CR1; Polymerase chain reaction; Gene amplification; Genetic; DNA (Cornillet, P. (136) 193)

Flow cytometry; Biosynthesis; Fibroblast; Kolmogorov-Smirnov test (Hetland, G. (140) 167)

Mannan-binding protein; Liver; Lectin (Ryley, N.G. (141) 73)

Neutrophil; Phagocytosis; Opsonization; Immunoglobulin; (Methods); (Antibody); (Antigen) (Rosen, H. (144) 117)

Opsonization; C3; C4; Flow cytometry; Polystyrene microsphere; Deficiency (Spycher, M.O. (145) 83)

Complement factor D
Purification; Peritoneal fluid; Chronic ambulatory peritoneal dialysis; Renal failure; (Human) (Catana, E. (138) 265)

Complement fragment C3d
Flow cytometric assay; Complement receptor 1; Complement fragment C4d; Erythrocyte (Freysdottir, J. (142) 45)

Complement fragment C4d
Flow cytometric assay; Complement receptor 1; Complement fragment C3d; Erythrocyte (Freysdottir, J. (142) 45)

Complement receptor 1
Flow cytometric assay; Complement fragment C3d; Complement fragment C4d; Erythrocyte (Freysdottir, J. (142) 45)

Computerized method
Neutrophil; Chemotaxis; Image analysis (Jensen, P. (144) 43)

Computer program
Data processing; Lymphocyte proliferation; Thymidine incorporation; β Scintillation counting (Schaudt, K. (138) 155)

Concanavalin A
Fluorescence; Labeling; Rhodamine; Eosin (Meadows, D.L. (143) 263)

Interferon-γ; ELISPOT assay; Immunosuppressants; Splenocyte (Van der Meide, P.H. (144) 203)

Conjugation
Monoclonal antibody; ^{111}Indium; Porphyrin (Bedel-Cloutour, C.H. (144) 35)

Synthetic peptide; Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Cooperative binding
Affinity; Association; Fc region; Monoclonal antibody (Van Erp, R. (140) 235)

Cooperativity
LAK-cell cytotoxicity; Lytic unit; Area under the curve; Response modifier; Hill transformation (Dye, J.F. (138) 1)

Copper staining
Sodium dodecyl sulfate-polyacrylamide gel electrophoresis; Immunoblotting (Seeber, F. (144) 269)

Coproantibody
Trichinella; Cholera toxin; IgA; ELISA (DeVos, T. (141) 285)

Coproantigen
Giardia lamblia; ELISA, dot- (Vinayak, V.K. (137) 245)

Correction for 'background' in the ELISA
ELISA problems; Protamine-reactive IgM; Stoichiometry of solid-phase assays; Antigen-antibody reactivity (Pruslin, F.H. (137) 27)

Counter-immunoelectrophoresis
Autoantibody; Autoantigen; Immunoblotting; Immunodiffusion; ELISA; Rheumatic disease (Van Venrooij, W.J. (140) 181)

CR1
Complement; Receptor, complement; Polymerase chain reaction; Gene amplification; Genetic; DNA (Cornillet, P. (136) 193)

C-reactive protein
Enzyme immunoassay; Protein adsorption; Protein denaturation; Monoclonal antibody (Shields, M.J. (141) 253)

Dried blood spots; Guthrie cards (Cordon, S.M. (143) 69)

C reactive protein
Serum amyloid A; ELISA; Monoclonal antibody (McDonald, T.L. (144) 149)

^{51}Cr release
Apoptosis; Cell lysis; Cell death; Cytotoxic T cell; [^{3}H]-Thymidine (Matzinger, P. (145) 185)

CS3000
Lymphokine activated killer cell; Tumor infiltrating lymphocyte; Cell culture; Immunotherapy; Hollow fiber bioreactor (Yanelli, J.R. (139) 1)

Cyclophosphamide
Immunosuppression; Neonatal tolerization (Ou, S.K.-h. (145) 111)

Cytochemical staining
BLT-specific serine protease; Blood cell; Bone marrow cell (Wagner, L. (142) 147)

Cytochrome *c*
ELISA; Epitope mapping; Solid-phase peptide synthesis (Savoca, R. (141) 245)

Cytokine
Lipopolysaccharide; Endotoxin; Ex vivo; Blood; Tumor necrosis factor (Wilson, B.M.G. (139) 233)

ELISA; Interleukin-3; Biotin; Streptavidin; Immunoassay (Papoian, R. (145) 161)

Cytokine mRNA
In situ hybridization; Oligonucleotide; Slide blot (Schwarz, M. (145) 27)

Cytokine production
Whole-blood mononuclear cell culture; ELISA; Immunodiagnosis (Elsässer-Beile, U. (139) 191)

Cytomegalovirus, human
Immediate early antigen; Alkaline phosphatase-anti-alkaline phosphatase technique; Immunogold-silver staining (Bein, G. (137) 175)

Cytoskeleton
ELISA, competitive; Microtubule; Tubulin; HeLa cell (Thrower, D. (136) 45)

Cytotoxicity
Colorimetric MTT assay; Monocyte; Leukemia (Van de Loosdrecht, A.A. (141) 15)

Chromium-51 release; Biliary epithelial cell (Ayres, R.C.S. (141) 117)

Fluorescence; Homing; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; PKH-26; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Cytotoxic neutralization
Tumor necrosis factor; Anti-tumor necrosis factor; Septic shock (Galloway, C.J. (140) 37)

Cytotoxic precursor
Limiting dilution analysis; Alloreactivity; Interleukin-2 (Lantz, O. (137) 121)

Cytotoxic T cell
Apoptosis; Cell lysis; Cell death; ^{51}Cr release; [^{3}H]Thymidine (Matzinger, P. (145) 185)

Cytotoxic T lymphocyte
pH sensitive liposome; Osmotic loading; Class I processing; (Antigen) (Reddy, R. (141) 157)

HIV-1 gp160; Latex microsphere; Antigen-coated particle; Lymphocyte proliferation (Wu, J.-Y. (143) 1)

Granzyme A; BLT esterase; Chromium release; Synthetic peptide (Suhrbier, A. (145) 43)

Liposome; Antigen presentation; Ovalbumin (Zhou, F. (145) 143)

Cytotoxic T lymphocyte clone
Limit-dilution culture; Cytotoxic T lymphocyte specificity; Cytotoxic T lymphocyte precursor; Interleukin-2; Interleukin-6; Interferon-γ (Rogers, L.A. (143) 241)

Cytotoxic T lymphocyte precursor
Limit-dilution culture; Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte specificity; Interleukin-2; Interleukin-6; Interferon-γ (Rogers, L.A. (143) 241)

Cytotoxic T lymphocyte specificity
Limit-dilution culture; Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte precursor; Interleukin-2; Interleukin-6; Interferon-γ (Rogers, L.A. (143) 241)

D

Data processing
Computer program; Lymphocyte proliferation; Thymidine incorporation; β Scintillation counting (Schaudt, K. (138) 155)

DEAE-dextran mediated transfection
Peritoneal macrophage, mouse; DNA transfer; CAT reporter gene assay (Rupprecht, A.P. (144) 157)

Defensin
Neutrophil, human; Enzyme immunoassay; Monoclonal antibody; Host defense; Inflammation (Panyutich, A.V. (141) 149)

Deficiency
Opsonization; Complement; C3; C4; Flow cytometry; Polystyrene microsphere (Spycher, M.O. (145) 83)

Deglycosylated ricin A chain
Monoclonal antibody; Immunotoxin; Good laboratory practice; Large scale (Ghetie, V. (142) 223)

Deoxyribonuclease I
Su antigen; Calf thymus nuclear extract; Immunoblotting; Immunoprecipitation (Treadwell, E.L. (142) 157)

Detection of rare blood cells
Monoclonal antibody; Endothelial cell; Flow cytometry; Vascular disorder (George, F. (139) 65)

Dexamethasone
Apoptosis; Thymocyte; DNA fragmentation; Flow cytometry (Nicoletti, I. (139) 271)

Dextran
ELISA, IgG subclass antibody; Monoclonal antibody; *Staphylococcus aureus*; *Haemophilus influenzae* b; Pneumococcal capsular polysaccharide; Tetanus toxoid (Ruths, S. (140) 67)

Immobilized antibody; Antigen-binding capacity; Immunoassay (Guzov, V.M. (145) 167)

Diabetes
Glycated hemoglobin; Glycohemoglobin; Monoclonal antibody (Steward, L.A. (140) 145)

Diabetes mellitus
Advanced glycosylation end product; Fluorescent compounds; Maillard reaction; (Antibody) (Nakayama, H. (140) 119)

Diagnostic test
hsp 90; Systemic candidosis; Epitope mapping (Matthews, R. (143) 73)

Differentiation
CD8; Heterodimer; Lymphocyte; Transfectant (DiSanto, J.P. (141) 123)

Adoptive immunotherapy; Monocyte; Macrophage; Proliferation; Recombinant human granulocyte macrophage-colony stimulating factor (Eischen, A. (143) 209)

Differentiation inducing factor
Colorimetric assay; Leukemia inhibitory factor; Tetrazolium salt; MTT; Interleukin-6 (Ohno, M. (145) 199)

Dipstick
Immunoassay; Colloidal dye; Antigen (Snowden, K. (140) 57)

Direct sequencing
Human leukocyte antigen; Major histocompatibility complex; Temperature-gradient gel electrophoresis (Meyer, C.G. (142) 251)

DNA
Complement; Receptor, complement; CR1; Polymerase chain reaction; Gene amplification; Genetic (Cornillet, P. (136) 193)

DNA fragmentation
Apoptosis detection; Southern blot analysis (Facchinetti, A. (136) 125)

Apoptosis; Thymocyte; Flow cytometry; Dexamethasone (Nicoletti, I. (139) 271)

DNA transfer
Peritoneal macrophage, mouse; DEAE-dextran mediated transfection; CAT reporter gene assay (Rupprecht, A.P. (144) 157)

cDNA
Immunoglobulin; Gene; Library; Polymerase chain reaction; Expressed repertoire (Huang, C. (141) 227)

cDNA library
λgt11; Recombinant phage; T cell response (Gillard-Blaas, S. (139) 207)

Dot blot
Polysaccharide coating; Vacuum filtration; Immunoblot; Antibody-producing cell colony; Isoelectric focusing (Feng, S.-H. (137) 261)

Dot-blot analysis
Recombinant protein; Ni^{2+}-chelate affinity chromatography; Malaria vaccine; Renaturation (Takacs, B.J. (143) 231)

Dot-blot assay
Invasive aspergillosis; Antigen detection; Reverse passive latex agglutination (Burnie, J.P. (143) 187)

Dot immunobinding assay
Non-purified antigen; Monoclonal antibody; Nitrocellulose paper disk (Steinitz, M. (136) 119)

Double immunocytochemical staining
Antibody-containing cell; ELISA; Pneumococcal polysaccharide; Mesenteric lymph node, Spleen (Van den Dobbelsteen, G.P.J.M. (145) 93)

Dried blood spots
C-reactive protein; Guthrie cards (Cordon, S.M. (143) 69)

Dual-enzyme cascade
Respiratory syncytial virus; ELISA; Magnetic separation (Vonk, G.P. (137) 133)

Dual staining
Interleukin-2; Membrane permeabilization; Lysolecithin; Intracellular immunofluorescence (Labalette-Houache, M. (138) 143)

Dual wavelength
Microassay; Superoxide; Neutrophil, human; Formyl peptide (Chapman-Kirkland, E.S. (142) 95)

DuoChrome
Flow cytometry; T lymphocyte; B lymphocyte; Natural killer; Monocyte; Polymorphonuclear cell (Carayon, P. (138) 257)

E

Effector-target conjugate
Natural killer cell; Lymphokine activated killer cell; Flow cytometry (Radcliff, G. (139) 281)

Electrofusion
Monoclonal antibody; Peptide; Potyvirus (Werkmeister, J.A. (143) 151)

Element
Beryllium; Vacuum deposition; ELISA; Screening assay; (Antibody) (Clarke, S.M. (137) 65)

ELISA
Prolactin, bovine; Biotin-avidin; Plasma, bovine (Secchi, C. (136) 17)

Polyamine; Monoclonal antibody (Schipper, R.G. (136) 23)

In vitro neutralization assay; Antivenom potency (Rungsiwongse, J. (136) 37)

Pentosanpolysulfate; Interstitial cystitis (Callahan, H.J. (136) 53)

HIV; Recombinant antigen; Intrathecal antibody synthesis; Cerebrospinal fluid; HIV-encephalitis (Weber, T. (136) 133)

Immunoblot; Enzyme immunoassay; Zearalenone; Aflatoxin; Mycotoxin; Chromatograpy, high performance thin layer (Pestka, J.J. (136) 177)

HIV; Teflon-coated microscope slide (Smith, K.O. (136) 239)

Monoclonal antibody; Nerve growth factor; Immunocytochemistry; PC12 cell; Septal neuron (Kenigsberg, R.L. (136) 247)

Monoclonal antibody; Factor X; Factor Xa; Immunization; Nitrocellulose; Popliteal lymph node cell fusion (Hoad, R.B. (136) 269)

Beryllium; Vacuum deposition; Screening assay; Element; (Antibody) (Clarke, S.M. (137) 65)

Gaucher's disease; Glucocerebrosidase; Intravenous infusion; Enzyme amplification; (Clinical) (Murray, G.J. (137) 113)

Respiratory syncytial virus; Magnetic separation; Dual-enzyme cascade (Vonk, G.P. (137) 133)

Biotinylation; Avidin-biotin complex; Synthetic peptide; Major histocompatibility complex, solubilized (Griesmann, G.E. (138) 25)

Interleukin-6; Serum; Amplification (Helle, M. (138) 47)

Urease; Limiting dilution analysis; Hemolytic spot test (Cerrone, M.C. (138) 65)

Tamm-Horsfall protein; Urea; Maleimide method (Uto, I. (138) 87)

Assay range; Human chorionic gonadotropin; Free α subunit; 3,3′,5,5′-Tetramethylbenzidine; Human follicle stimulating hormone (Madersbacher, S. (138) 121)

Anticardiolipin antibody; Systemic lupus erythematosus (Rupin, A. (138) 225)

Eosinophil cationic protein; Purification (Reimert, C.M. (138) 285)

Peptide synthesis; Epitope; Affinity fractionation; Peptide vaccine (Tribbick, G. (139) 155)

Whole-blood mononuclear cell culture; Cytokine production; Immunodiagnosis (Elsässer-Beile, U. (139) 191)

β-Lactamase; HIV-1 antibody diagnosis (Simon, H. (140) 85)

Avidin-peroxidase; Biotin; Cell adhesion molecule; Epithelium; Lymphocyte (Pearce-Pratt, R. (140) 159)

Autoantibody; Autoantigen; Counter-immunoelectrophoresis; Immunoblotting; Immunodiffusion; Rheumatic disease (Van Venrooij, W.J. (140) 181)

Bromodeoxyuridine; Lymphocyte transformation test; Microtiter plate; (Antigen) (Huong, P.L.T. (140) 243)

Interleukin-1 receptor antagonist; IgM rheumatoid factor; Synovial fluid (Malyak, M. (140) 281)

Anti-endothelial antibody; Rheumatoid arthritis; Rheumatoid vasculitis; Systemic lupus erythematosus (Heurkens, A.H.M. (141) 33)

Interleukin-5, anti-human; Monoclonal antibody (McNamee, L.A. (141) 81)

Eosinophil protein X; Eosinophil derived neurotoxin; Urinary ribonuclease (Reimert, C.M. (141) 97)

Myelopoiesis; Granulomonopoietic enhancing activity; Monoclonal antibody; Immunoblotting (Lieu, C.-W. (141) 133)

Affinity constant; Monoclonal antibody; Virus antigen; Ultracentrifugation; Tobacco mosaic virus (Azimzadeh, A. (141) 199)

Epitope mapping; Cytochrome *c*; Solid-phase peptide synthesis (Savoca, R. (141) 245)

IgE; Interleukin-4; Switch; Fibroblastoid feeder cell; Monoclonal rat anti-mouse IgE antibody (Ledermann, F. (141) 263)

Trichinella; Cholera toxin; Coproantibody; IgA (DeVos, T. (141) 285)

Antibody purification; Immobilized protein A; Antiserum, chicken (Knicker, S.M. (142) 53)

Immunoassay; Synthetic peptide; Antibody epitope; HIV (Boudet, F. (142) 73)

Adsorption; Coating; Polymeric; Biomaterial (Underwood, P.A. (142) 83)

Hsp70; Chicken antibody; Bovine tissue; Heat-shock protein (Gutierrez, J.A. (143) 81)

Radioimmunoassay; Thiophilic adsorption; Immune complex (Oscarsson, S. (143) 143)

Protein A; Fc; Trypsin (Guidry, A.J. (143) 159)

Anti-phospholipid antibody; β_2-glycoprotein I (Arvieux, J. (143) 223)

Hydrazide; Glycoprotein; IgG; Enzyme immunoassay; Microwell plate (Brillhart, K.L. (144) 19)

Serum amyloid A; C reactive protein; Monoclonal antibody (McDonald, T.L. (144) 149)

Synthetic peptide; Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; Immunocytochemistry (Laman, J.D. (145) 1)

Fluorescence sandwich; Inhibin; Activin; Synthetic peptide; Monoclonal antibody (Groome, N. (145) 65)

Double immunocytochemical staining; Antibody-containing cell; Pneumococcal polysaccharide; Mesenteric lymph node, Spleen (Van den Dobbelsteen, G.P.J.M. (145) 93)

Interleukin-3; Biotin; Streptavidin; Cytokine; Immunoassay (Papoian, R. (145) 161)

Protein A; *Staphylococcus aureus*; IgG; Chicken IgY (Linder, L.E. (145) 241)

Rubella; Immunoassay (Mauracher, C.A. (145) 251)

dot-ELISA
Peptide; Monoclonal antibody; Phe-Met-Arg-Phe-amide; Cholecystokinin (Sithigorngul, P. (141) 23)

spot-ELISA
Monoclonal antibody; Hybridoma; Isotype switch variant; Image processing (Coco-Martin, J.M. (145) 11)

ELISA, anti-dsDNA
Anti-dsDNA antibody; Specificity; Natural autoantibody; Protamine sulphate (Brinkman, K. (139) 91)

ELISA, capture
Monoclonal antibody; Gm allotype (Nelson, P.N. (138) 57)

ELISA, competitive
Cytoskeleton; Microtubule; Tubulin; HeLa cell (Thrower, D. (136) 45)

ELISA, dot-
Giardia lamblia; Coproantigen (Vinayak, V.K. (137) 245)

ELISA, IgG subclass antibody
Monoclonal antibody; *Staphylococcus aureus*; *Haemophilus influenzae* b; Pneumococcal capsular polysaccharide; Dextran; Tetanus toxoid (Ruths, S. (140) 67)

ELISA, indirect
Calmodulin; Calmodulin antagonist (Liliom, K. (143) 119)

ELISA, micro-
Anti-HIV-1 antibody; Anti-HIV-2 antibody; HIV-1 viral antigen; HIV-2 ENV synthetic peptide (Sprengers, E.D. (139) 77)

ELISA problems
Protamine-reactive IgM; Stoichiometry of solid-phase assays; Antigen-antibody reactivity; Correction for 'background' in the ELISA (Pruslin, F.H. (137) 27)

ELISA, sandwich
Interleukin-5; Monoclonal antibody (Fukuda, Y. (143) 89)

ELISPOT
Immunofluorescence-digital image processing system; ILI-SPOT (Amano, M. (144) 127)

ELISPOT assay
Interferon-γ; Immunosuppressants; Concanavalin A; Splenocyte (Van der Meide, P.H. (144) 203)

Endothelial cell
Monoclonal antibody; Flow cytometry; Detection of rare blood cells; Vascular disorder (George, F. (139) 65)

Endothelium
Flow cytometry; Immunoperoxidase; Antigen; Expression (Forsyth, K.D. (144) 93)

Extracellular matrix; Adhesion; T cell (Cavender, D.E. (144) 185)

Endotoxin
Lipopolysaccharide; Ex vivo; Blood; Tumor necrosis factor; Cytokine (Wilson, B.M.G. (139) 233)

Enterotoxin
Immunopurification; *Staphylococcus aureus* (Shinagawa, K. (139) 49)

Enzyme
Semicarbazide; *Staphylococcus aureus*; Protein A; Amplification; Foods (Brooks, J.L. (140) 79)

Enzyme amplification
Gaucher's disease; ELISA; Glucocerebrosidase; Intravenous infusion; (Clinical) (Murray, G.J. (137) 113)

Enzyme immunoassay
Serum amyloid A; (Critically ill patient) (Taktak, Y.S. (136) 11)

Indole-3-acetic acid; Heterologous (Manning, K. (136) 61)

Immunoblot; ELISA; Zearalenone; Aflatoxin; Mycotoxin; Chromatograpy, high performance thin layer (Pestka, J.J. (136) 177)

Monoclonal antibody; Magnetic bead; *Salmonella* O:6,7 lipopolysaccharide (Luk, J.M.C. (137) 1)

p24 antigen; HIV isolation; AIDS (Kontio, S. (139) 257)

Defensin; Neutrophil, human; Monoclonal antibody; Host defense; Inflammation (Panyutich, A.V. (141) 149)

C-reactive protein; Protein adsorption; Protein denaturation; Monoclonal antibody (Shields, M.J. (141) 253)

H-Y antigen; Serologically defined male-specific antigen (Reilly, B.D. (142) 121)

Glutamate; Glutaraldehyde; Hapten; Excitatory amino acid (Ordronneau, P. (142) 169)

Time-resolved fluoroimmunoassay; Chromogenic substrate; Fluorogenic substrate (Roberts, I.M. (143) 49)

Tumor necrosis factor receptor; Lymphotoxin receptor; Tumor necrosis factor binding protein (Adolf, G.R. (143) 127)

Hydrazide; Glycoprotein; IgG; ELISA; Microwell plate (Brillhart, K.L. (144) 19)

HIV; Time-resolved fluoroimmunoassay (Ushijima, H. (144) 57)

Enzyme inhibition
Immunoassay; Arthritis; Inflammation; Epitope mapping; Acute phase (Stoner, C.R. (145) 127)

Eosin
Concanavalin A; Fluorescence; Labeling; Rhodamine (Meadows, D.L. (143) 263)

Eosinophil
Eosinophil peroxidase; Kinetic assay; Colorimetric assay (White, S.R. (144) 257)

Eosinophil activation
Eosinophil derived neurotoxin; Eosinophil peroxidase; Eosinophil degranulation (Bach, M.K. (142) 243)

Eosinophil cationic protein
ELISA; Purification (Reimert, C.M. (138) 285)

Eosinophil degranulation
Eosinophil activation; Eosinophil derived neurotoxin; Eosinophil peroxidase (Bach, M.K. (142) 243)

Eosinophil derived neurotoxin
Eosinophil protein X; ELISA; Urinary ribonuclease (Reimert, C.M. (141) 97)

Eosinophil activation; Eosinophil peroxidase; Eosinophil degranulation (Bach, M.K. (142) 243)

Eosinophil, human
Immunomagnetic cell separation; Anti-CD16; Formyl-methionyl-leucyl-phenylalanine (Hansel, T.T. (145) 105)

Eosinophil peroxidase
Myeloperoxidase; Eosinophil peroxidase deficiency (Menegazzi, R. (137) 55)

Eosinophil activation; Eosinophil derived neurotoxin; Eosinophil degranulation (Bach, M.K. (142) 243)

Eosinophil; Kinetic assay; Colorimetric assay (White, S.R. (144) 257)

Eosinophil peroxidase deficiency
Eosinophil peroxidase; Myeloperoxidase (Menegazzi, R. (137) 55)

Eosinophil protein X
Eosinophil derived neurotoxin; ELISA; Urinary ribonuclease (Reimert, C.M. (141) 97)

Epidermal growth factor receptor
Monoclonal antibody; Immunoradiometric assay; Immunohistochemistry (Troalen, F. (143) 175)

Epithelial mucin
Monoclonal antibody purification; Chromatography, affinity; Synthetic peptide epitope (Price, M.R. (139) 83)

Epithelium
Avidin-peroxidase; Biotin; Cell adhesion molecule; ELISA; Lymphocyte (Pearce-Pratt, R. (140) 159)

Epitope
Cell surface antigen; Monoclonal antibody (Wilson, B.E. (139) 55)

Peptide synthesis; ELISA; Affinity fractionation; Peptide vaccine (Tribbick, G. (139) 155)

IgG2, human; Monoclonal antibody; Pepsin; Papain; Cleavage site (Harada, S. (141) 89)

Interleukin-2 receptor; Monoclonal antibody; Affinity; Interleukin-2-dependent cell growth (Ohbo, K. (142) 61)

Synthetic peptide; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Epitope density
Antibody affinity; Fluid-phase assay; Solid-phase assay (Holland, G.P. (138) 245)

Epitope mapping
ELISA; Cytochrome *c*; Solid-phase peptide synthesis (Savoca, R. (141) 245)

Monoclonal antibody; Neuroendocrine 7B2 protein; Recombinant DNA; Epitope targeting; Sandwich enzyme immunoassay (Van Duijnhoven, H.L.P. (142) 187)

Recombinant human thyrotropin; Bioassay; Immunoassay; Monoclonal antibody (Kashiwai, T. (143) 25)

hsp 90; Systemic candidosis; Diagnostic test (Matthews, R. (143) 73)

Immunoassay; Enzyme inhibition; Arthritis; Inflammation; Acute phase (Stoner, C.R. (145) 127)

Epitope targeting
Monoclonal antibody; Neuroendocrine 7B2 protein; Recombinant DNA; Epitope mapping; Sandwich enzyme immunoassay (Van Duijnhoven, H.L.P. (142) 187)

Epstein-Barr virus
Ouabain; Lymphoblastoid cell line; Lymphotoxin; Hybridoma fusion partner; Monoclonal antibody, human (Ramachandra, R.N. (142) 21)

Erythrocyte
Flow cytometric assay; Complement receptor 1; Complement fragment C3d; Complement fragment C4d (Freysdottir, J. (142) 45)

Erythroid differentiation factor
Activin; Inhibin; Radioimmunoassay (Shintani, Y. (137) 267)

Escherichia
Antibiotic; Radial diffusion assay; Polyacrylamide; Fungi; *Salmonella* (Lehrer, R.I. (137) 167)

Estrogen receptor
Steroid receptor quantitation; Estrogen receptor immuno-quantitation (Bettini, E. (144) 87)

Estrogen receptor immuno-quantitation
Estrogen receptor; Steroid receptor quantitation (Bettini, E. (144) 87)

Europium
Interleukin-3; Immunoassay; Fluorometric; Streptavidin; Time-resolved (Knopf, H.-P. (138) 233)

Excitatory amino acid
Enzyme immunoassay; Glutamate; Glutaraldehyde; Hapten (Ordronneau, P. (142) 169)

Expressed repertoire
Immunoglobulin; Gene; cDNA; Library; Polymerase chain reaction (Huang, C. (141) 227)

Expression
Flow cytometry; Immunoperoxidase; Endothelium; Antigen (Forsyth, K.D. (144) 93)

Extracellular matrix
Endothelium; Adhesion; T cell (Cavender, D.E. (144) 185)

Ex vivo
Lipopolysaccharide; Endotoxin; Blood; Tumor necrosis factor; Cytokine (Wilson, B.M.G. (139) 233)

Ex vivo binding
Candida albicans; Adherence; Tissue binding (Riesselman, M.H. (145) 153)

F

Factor X
Monoclonal antibody; Factor Xa; Immunization; Nitrocellulose; Popliteal lymph node cell fusion; ELISA (Hoad, R.B. (136) 269)

Factor Xa
Monoclonal antibody; Factor X; Immunization; Nitrocellulose; Popliteal lymph node cell fusion; ELISA (Hoad, R.B. (136) 269)

Fc
Protein A; ELISA; Trypsin (Guidry, A.J. (143) 159)

Fc receptor
Fluorescent microsphere; IgA Fc(Fcα) receptor (Shimada, T. (136) 159)

Phagocytosis; Macrophage; Zymosan (Greenberg, S. (139) 115)

Fc region
Affinity; Association; Monoclonal antibody; Cooperative binding (Van Erp, R. (140) 235)

Pseudomonas; Ig binding (Grover, S. (141) 187)

Feeder layer
Heterohybridoma, human; Cloning; B cell chronic lymphocytic leukemia (Sanchez, B. (145) 193)

Fetal bovine serum
IgG, bovine; Monoclonal antibody; Purification (Jiskoot, W. (138) 273)

Fetoacinar pancreatic antigen
Biotinylation; Carbohydrate; IgG1; Mab J28 (Miralles, F. (140) 191)

α-Fetoprotein
Chemiluminescent sandwich enzyme immunoassay; Reduction of non-specific binding (Aoyagi, S. (137) 73)

Fibroblast
Flow cytometry; Complement; Biosynthesis; Kolmogorov-Smirnov test (Hetland, G. (140) 167)

Fibroblastoid feeder cell
IgE; Interleukin-4; Switch; Monoclonal rat anti-mouse IgE antibody; ELISA (Ledermann, F. (141) 263)

Flow cytofluorometry
Alveolar macrophage; Autofluorescence; Quenching; Membrane permeabilization (Halldén, G. (142) 207)

Flow cytometric assay
Complement receptor 1; Complement fragment C3d; Complement fragment C4d; Erythrocyte (Freysdottir, J. (142) 45)

Flow cytometry
Surface/internal antigen; Membrane permeabilization; Triple staining (Sumner, H. (136) 259)

Apoptosis; $CD4^+8^+$ thymocyte (Swat, W. (137) 79)

Leukocyte; Cell surface antigen; Monoclonal antibody; Clotted blood; Leukemia (De Vis, J. (137) 193)

Calcium flux; Fluo-3; Monoclonal antibody; Mitogen (Sei, Y. (137) 237)

DuoChrome; T lymphocyte; B lymphocyte; Natural killer; Monocyte; Polymorphonuclear cell (Carayon, P. (138) 257)

Monoclonal antibody; Endothelial cell; Detection of rare blood cells; Vascular disorder (George, F. (139) 65)

Lymphocyte isolation; Brain parenchyma (Irani, D.N. (139) 223)

IgA deficiency; Anti-IgA antibody; Microbead (Syrjälä, M.T. (139) 265)

Apoptosis; Thymocyte; DNA fragmentation; Dexamethasone (Nicoletti, I. (139) 271)

Natural killer cell; Lymphokine activated killer cell; Effector-target conjugate (Radcliff, G. (139) 281)

Protozoan hemoparasite; Viability assay (Wyatt, C.R. (140) 23)

Complement; Biosynthesis; Fibroblast; Kolmogorov-Smirnov test (Hetland, G. (140) 167)

Platelet; Granulocyte; Lymphocyte; Immunofluorescence; (Antibody) (Sintnicolaas, K. (142) 215)

Macrophage; Agarose coating; Oxidative burst; Phagocytosis; Intracellular killing (Château, M.-T. (143) 103)

Monoclonal antibody; Immune response, human; H65-RTA (Fishwild, D.M. (144) 27)

Immunoperoxidase; Endothelium; Antigen; Expression (Forsyth, K.D. (144) 93)

Opsonization; Complement; C3; C4; Polystyrene microsphere; Deficiency (Spycher, M.O. (145) 83)

Fluid-phase assay
Antibody affinity; Epitope density; Solid-phase assay (Holland, G.P. (138) 245)

Fluo-3
Calcium flux; Flow cytometry; Monoclonal antibody; Mitogen (Sei, Y. (137) 237)

Fluorescein isothiocyanate
Fluorescence; Homing; Localization; Hoechst 33342; PKH-2; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Fluorescence
Concanavalin A; Labeling; Rhodamine; Eosin (Meadows, D.L. (143) 263)

Homing; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Fluorescence-activated cell sorter
Hybrid hybridoma; Bispecific antibody (Shi, T. (141) 165)

Fluorescence assay
Hoechst 33342; Hoechst 33258; Lymphocyte proliferation (Blaheta, R.A. (142) 199)

Fluorescence quenching
Macrophage phagocytosis; Adherence vs. internalization (Drevets, D.A. (142) 31)

Fluorescence sandwich
ELISA; Inhibin; Activin; Synthetic peptide; Monoclonal antibody (Groome, N. (145) 65)

Fluorescent compounds
Advanced glycosylation end product; Diabetes mellitus; Maillard reaction; (Antibody) (Nakayama, H. (140) 119)

Fluorescent microsphere
IgA Fc(Fcα) receptor; Fc receptor (Shimada, T. (136) 159)

Fluorescent tracer
Affinity; Antibody/hapten binding (Colbert, D.L. (140) 227)

Fluorogenic substrate
Enzyme immunoassay; Time-resolved fluoroimmunoassay; Chromogenic substrate (Roberts, I.M. (143) 49)

Fluorometric
Interleukin-3; Immunoassay; Streptavidin; Time-resolved; Europium (Knopf, H.-P. (138) 233)

Food allergy
Immunoblotting; IgE; Allergy; (Legume) (Herian, A.M. (140) 153)

Foods
Semicarbazide; *Staphylococcus aureus*; Protein A; Enzyme; Amplification (Brooks, J.L. (140) 79)

Formyl-methionyl-leucyl-phenylalanine
Immunomagnetic cell separation; Eosinophil, human; Anti-CD16 (Hansel, T.T. (145) 105)

Formyl peptide
Microassay; Superoxide; Neutrophil, human; Dual wavelength (Chapman-Kirkland, E.S. (142) 95)

Forssman glycosphingolipid
In vitro immunization; Monoclonal antibody; Tumor-associated antigen (Gathuru, J.K. (137) 95)

Free α subunit
ELISA; Assay range; Human chorionic gonadotropin; 3,3′,5,5′-Tetramethylbenzidine; Human follicle stimulating hormone (Madersbacher, S. (138) 121)

Freezing
Serum; Oxypolygelatine; Plasma expander (Groth, J. (141) 105)

Freund's adjuvant
Ascites tumor; BALB/c; Polyclonal antibody production; Pristane; *Chlamydia trachomatis*; *Borrelia burgdoferi*; *Borrelia hermsii* (Cevenini, R. (140) 111)

Fungi
Antibiotic; Radial diffusion assay; Polyacrylamide; *Escherichia*; *Salmonella* (Lehrer, R.I. (137) 167)

Fusion
Autoimmune mouse; Hybridoma; Inbred mouse; Monoclonal antibody (Yin, B.W.T. (144) 165)

Fusion protein
Protein A; Luciferase; Bioluminescence; Immunoassay (Lindbladh, C. (137) 199)

β-Galactosidase
Synthetic peptide; Epitope; Peroxidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

G

Gammopathy
Sulfated glucuronic acid paragloboside; Peripheral neuropathy; Myelin-associated glycoprotein (Burger, D. (140) 31)

Gaucher's disease
ELISA; Glucocerebrosidase; Intravenous infusion; Enzyme amplification; (Clinical) (Murray, G.J. (137) 113)

Gene
Immunoglobulin; cDNA; Library; Polymerase chain reaction; Expressed repertoire (Huang, C. (141) 227)

Gene amplification
Complement; Receptor, complement; CR1; Polymerase chain reaction; Genetic; DNA (Cornillet, P. (136) 193)

Gene expression
B lymphocyte; Transfection; Retrovirus; Infection (Overell, R.W. (141) 53)

Gene fusion
Streptokinase; Protein A; Immunoassay (Schmidt, K.-H. (143) 111)

Gene therapy
Gene transfer; Hematopoietic progenitor; Granulocyte-macrophage colony-forming unit; Interleukin; Retrovirus vector (Hamada, K. (141) 177)

Genetic
Complement; Receptor, complement; CR1; Polymerase chain reaction; Gene amplification; DNA (Cornillet, P. (136) 193)

Gene transfer
Gene therapy; Hematopoietic progenitor; Granulocyte-macrophage colony-forming unit; Interleukin; Retrovirus vector (Hamada, K. (141) 177)

Giardia lamblia
Coproantigen; ELISA, dot- (Vinayak, V.K. (137) 245)

GIT medium
Hybridoma; Monoclonal antibody, human; Cell fusion (Kudo, T. (145) 119)

Glioblastoma
Mitogen-stimulated lymphokine activated T killer cell; Recombinant human interleukin-2; Phenotyping (Yamamoto, R.S. (137) 225)

Glioma
Hybridoma; Growth factor (Gomathi, K.G. (139) 101)

Glucocerebrosidase
Gaucher's disease; ELISA; Intravenous infusion; Enzyme amplification; (Clinical) (Murray, G.J. (137) 113)

Glutamate
Enzyme immunoassay; Glutaraldehyde; Hapten; Excitatory amino acid (Ordronneau, P. (142) 169)

Glutaraldehyde
Enzyme immunoassay; Glutamate; Hapten; Excitatory amino acid (Ordronneau, P. (142) 169)

Synthetic peptide; Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Glycated hemoglobin
Glycohemoglobin; Diabetes; Monoclonal antibody (Steward, L.A. (140) 145)

Glycohemoglobin
Glycated hemoglobin; Diabetes; Monoclonal antibody (Steward, L.A. (140) 145)

Glycoprotein
Hydrazide; IgG; Enzyme immunoassay; ELISA; Microwell plate (Brillhart, K.L. (144) 19)

Gm allotype
Monoclonal antibody; ELISA, capture (Nelson, P.N. (138) 57)

Good laboratory practice
Monoclonal antibody; Deglycosylated ricin A chain; Immunotoxin; Large scale (Ghetie, V. (142) 223)

Granulocyte
Flow cytometry; Platelet; Lymphocyte; Immunofluorescence; (Antibody) (Sintnicolaas, K. (142) 215)

Granulocyte-macrophage colony-forming unit
Gene therapy; Gene transfer; Hematopoietic progenitor; Interleukin; Retrovirus vector (Hamada, K. (141) 177)

Granulomonopoietic enhancing activity
Myelopoiesis; Monoclonal antibody; ELISA; Immunoblotting (Lieu, C.-W. (141) 133)

Granzyme A
BLT esterase; Chromium release; Cytotoxic T lymphocyte; Synthetic peptide (Suhrbier, A. (145) 43)

Growth factor
Glioma; Hybridoma (Gomathi, K.G. (139) 101)

Guinea pig immunoglobulin
IgE, IgG1; Chromatography, fast protein liquid; Hypersensitivity (Karol, M. (139) 123)

Guthrie cards
C-reactive protein; Dried blood spots (Cordon, S.M. (143) 69)

***Haemophilus influenzae* b**
ELISA, IgG subclass antibody; Monoclonal antibody; *Staphylococcus aureus*; Pneumococcal capsular polysaccharide; Dextran; Tetanus toxoid (Ruths, S. (140) 67)li

H

Hapten
Enzyme immunoassay; Glutamate; Glutaraldehyde; Excitatory amino acid (Ordronneau, P. (142) 169)

Hapten-Fab′ conjugate
Antibody-dependent cell-mediated cytotoxicity; Antibody-dependent complement-mediated lysis; (Antibody) (Aase, A. (136) 185)

Haptoglobin, ovine
Antiserum (Levieux, D. (141) 111)

Heat-shock protein
Hsp70; ELISA; Chicken antibody; Bovine tissue (Gutierrez, J.A. (143) 81)

HeLa cell
ELISA, competitive; Cytoskeleton; Microtubule; Tubulin (Thrower, D. (136) 45)

Hemagglutination assay
Ceruloplasmin; Human liver tissue (Davis, W. (145) 205)

Hematopoietic progenitor
Gene therapy; Gene transfer; Granulocyte-macrophage colony-forming unit; Interleukin; Retrovirus vector (Hamada, K. (141) 177)

Hemolytic complement
Alternative complement pathway (Servais, G. (140) 93)

Hemolytic spot test
ELISA; Urease; Limiting dilution analysis (Cerrone, M.C. (138) 65)

Hepatitis B PreS2 antibody
Immuno-ligand assay; Silicon sensor (Hurni, W.M. (145) 19)

Hepatitis B surface antigen
One-step enzyme immunoassay; Hook effect (Palomäki, P. (145) 55)

Heterodimer
CD8; Differentiation; Lymphocyte; Transfectant (DiSanto, J.P. (141) 123)

Heterodimeric antigen
Avidin-biotin; Immunoassay, non-competitive; One-step protocol; Two-step protocol; Monomeric antigen; Lactoferrin; Lutropin (Vilja, P. (136) 77)

Heterohybridoma
Anti-idiotope; *Plasmodium falciparum*; Monoclonal antibody (Li, J.-L. (142) 15)

Heterohybridoma, human
Cloning; B cell chronic lymphocytic leukemia; Feeder layer (Sanchez, B. (145) 193)

Heterologous
Indole-3-acetic acid; Enzyme immunoassay (Manning, K. (136) 61)

Hexane
Solid-phase; Paramagnetic particle; Organic solvent; Progesterone; Immobilized antibody (Weetall, H.H. (136) 139)

Hill transformation
LAK-cell cytotoxicity; Lytic unit; Area under the curve; Response modifier; Cooperativity (Dye, J.F. (138) 1)

HIV
Recombinant antigen; Intrathecal antibody synthesis; Cerebrospinal fluid; HIV-encephalitis; ELISA (Weber, T. (136) 133)

ELISA; Teflon-coated microscope slide (Smith, K.O. (136) 239)

Immunoassay; ELISA; Synthetic peptide; Antibody epitope (Boudet, F. (142) 73)

Time-resolved fluoroimmunoassay; Enzyme immunoassay (Ushijima, H. (144) 57)

HIV-1 antibody diagnosis
ELISA; β-Lactamase (Simon, H. (140) 85)

HIV-1 gp160
Latex microsphere; Antigen-coated particle; Lymphocyte proliferation; Cytotoxic T lymphocyte (Wu, J.-Y. (143) 1)

HIV-1 viral antigen
ELISA, micro-; Anti-HIV-1 antibody; Anti-HIV-2 antibody; HIV-2 ENV synthetic peptide (Sprengers, E.D. (139) 77)

HIV-2 ENV synthetic peptide
ELISA, micro-; Anti-HIV-1 antibody; Anti-HIV-2 antibody; HIV-1 viral antigen (Sprengers, E.D. (139) 77)

HIV-encephalitis
HIV; Recombinant antigen; Intrathecal antibody synthesis; Cerebrospinal fluid; ELISA (Weber, T. (136) 133)

HIV isolation
p24 antigen; AIDS; Enzyme immunoassay (Kontio, S. (139) 257)

HIV seropositivity
Antibody; Agglutination test (Wilson, K.M. (138) 111)

HLA-A2
Peptide; Major histocompatibility complex class I; T cell recognition (Bednarek, M.A. (139) 41)

Hoechst 33258
Hoechst 33342; Lymphocyte proliferation; Fluorescence assay (Blaheta, R.A. (142) 199)

Hoechst 33342
Hoechst 33258; Lymphocyte proliferation; Fluorescence assay (Blaheta, R.A. (142) 199)

Fluorescence; Homing; Localization; Fluorescein isothiocyanate; PKH-2; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Serum-free culture medium; Lymphocyte proliferation (Bialek, R. (144) 223)

Hollow fiber bioreactor
Lymphokine activated killer cell; Tumor infiltrating lymphocyte; Cell culture; CS3000; Immunotherapy (Yanelli, J.R. (139) 1)

Homing
Fluorescence; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Hook effect
Hepatitis B surface antigen; One-step enzyme immunoassay (Palomäki, P. (145) 55)

Host defense
Defensin; Neutrophil, human; Enzyme immunoassay; Monoclonal antibody; Inflammation (Panyutich, A.V. (141) 149)

H65-RTA
Flow cytometry; Monoclonal antibody; Immune response, human (Fishwild, D.M. (144) 27)

hsp 90
Systemic candidosis; Epitope mapping; Diagnostic test (Matthews, R. (143) 73)

Hsp70
ELISA; Chicken antibody; Bovine tissue; Heat-shock protein (Gutierrez, J.A. (143) 81)

[^{3}H]Thymidine
Apoptosis; Cell lysis; Cell death; Cytotoxic T cell; ^{51}Cr release (Matzinger, P. (145) 185)

[^{3}H]Thymidine incorporation
Sarcoidosis; Lavage; Immunoenzyme triple staining (Van Maarsseveen, T. (143) 95)

Human chorionic gonadotropin
ELISA; Assay range; Free α subunit; 3,3′,5,5′-Tetramethylbenzidine; Human follicle stimulating hormone (Madersbacher, S. (138) 121)

Human follicle stimulating hormone
ELISA; Assay range; Human chorionic gonadotropin; Free α subunit; 3,3′,5,5′-Tetramethylbenzidine (Madersbacher, S. (138) 121)

Human leukocyte antigen
Major histocompatibility complex; Temperature-gradient gel electrophoresis; Direct sequencing (Meyer, C.G. (142) 251)

Human liver tissue
Hemagglutination assay; Ceruloplasmin (Davis, W. (145) 205)

Hybrid hybridoma
Bispecific antibody; Fluorescence-activated cell sorter (Shi, T. (141) 165)

Hybridoma
Glioma; Growth factor (Gomathi, K.G. (139) 101)

Monocyte; Cell fusion; Monokine (Shaked, A. (140) 45)

Autoimmune mouse; Fusion; Inbred mouse; Monoclonal antibody (Yin, B.W.T. (144) 165)

Ascites; Monoclonal antibody; Backcross fusion (Mattes, C.E. (144) 241)

spot-ELISA; Monoclonal antibody; Isotype switch variant; Image processing (Coco-Martin, J.M. (145) 11)

In vitro immunization; African swine fever virus antigen (Federspiel, G. (145) 71)

Monoclonal antibody, human; Cell fusion; GIT medium (Kudo, T. (145) 119)

Monoclonal antibody; Serum-free; Nutridoma (Federspiel, G. (145) 213)

Hybridoma cell lines
Serum-free medium; Serum-free culture; Monoclonal antibody (Mariani, E. (145) 175)

Hybridoma fusion partner
Ouabain; Lymphoblastoid cell line; Lymphotoxin; Epstein-Barr virus; Monoclonal antibody, human (Ramachandra, R.N. (142) 21)

Hydrazide
Glycoprotein; IgG; Enzyme immunoassay; ELISA; Microwell plate (Brillhart, K.L. (144) 19)

Hydrolysis
Biotinamidohexanoic acid; Long chain biotin; Stability; *N*-Hydroxysulfosuccinimide; Aminolysis (Grumbach, I.M. (140) 205)

Hydrophilic Durapore filter
Neutrophil; Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Chemotaxis; Cellulose nitrate filter; Albumin; LY 223982 (Psychoyos, S. (137) 37)

***N*-Hydroxysulfosuccinimide**
Biotinamidohexanoic acid; Long chain biotin; Stability; Hydrolysis; Aminolysis (Grumbach, I.M. (140) 205)

Hypersensitivity
Guinea pig immunoglobulin; IgE, IgG1; Chromatography, fast protein liquid (Karol, M. (139) 123)

β_2-glycoprotein I
Anti-phospholipid antibody; ELISA (Arvieux, J. (143) 223)

I

Idiotypic antibody
Serum estradiol; Anti-idiotypic antibody; Time-resolved fluorescence (Altamirano-Bustamante, A. (138) 95)

IgA
Mucosa; Intestine; Migratory; Immunization; Transplant; Cholera toxin (Kantak, A.G. (138) 191)

IgA1
IgA, human serum; IgA2; Jacalin (Loomes, L.M. (141) 209)

IgA2
IgA, human serum; IgA1; Jacalin (Loomes, L.M. (141) 209)

Trichinella; Cholera toxin; Coproantibody; ELISA (DeVos, T. (141) 285)

IgA1
Neisseria; IgA1 protease; Monoclonal antibody; Polyclonal serum; (Human) (Blake, M.S. (144) 215)

Protein A; Protein G; IgG; IgM; IgE; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

IgA deficiency
Anti-IgA antibody; Flow cytometry; Microbead (Syrjälä, M.T. (139) 265)

IgA Fc(Fcα) receptor
Fluorescent microsphere; Fc receptor (Shimada, T. (136) 159)

IgA, human serum
IgA1; IgA2; Jacalin (Loomes, L.M. (141) 209)

IgA1 protease
Neisseria; IgA1; Monoclonal antibody; Polyclonal serum; (Human) (Blake, M.S. (144) 215)

Ig binding
Pseudomonas; Fc region (Grover, S. (141) 187)

IgD
Isoelectric focusing; Cerebrospinal fluid (Mavra, M. (144) 63)

IgE
Immunoblotting; Allergy; Food allergy; (Legume) (Herian, A.M. (140) 153)

Interleukin-4; Switch; Fibroblastoid feeder cell; Monoclonal rat anti-mouse IgE antibody; ELISA (Ledermann, F. (141) 263)

Protein A; Protein G; IgG; IgA; IgM; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

IgE, IgG1
Guinea pig immunoglobulin; Chromatography, fast protein liquid; Hypersensitivity (Karol, M. (139) 123)

IgE, mouse
Proteolytic digestion; Papain; Pepsin; Trypsin (Haba, S. (138) 15)

IgG
Rheumatoid factor; Protein A; Protein G; Radioimmunoassay (Raeder, R. (138) 201)

IgG1
Biotinylation; Carbohydrate; Mab J28; Fetoacinar pancreatic antigen (Miralles, F. (140) 191)

Hydrazide; Glycoprotein; Enzyme immunoassay; ELISA; Microwell plate (Brillhart, K.L. (144) 19)

Protein A; *Staphylococcus aureus*; ELISA; Chicken IgY (Linder, L.E. (145) 241)

Protein A; Protein G; IgA; IgM; IgE; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

IgG, bovine
Fetal bovine serum; Monoclonal antibody; Purification (Jiskoot, W. (138) 273)

IgG2, human
Epitope; Monoclonal antibody; Pepsin; Papain; Cleavage site (Harada, S. (141) 89)

IgG interference
Sodium dodecyl sulfate polyacrylamide gel electrophoresis; Nitrocellulose immunoblotting; Resolution; Sample treatment; Moulds; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

IgM
Monoclonal antibody; Purification (Knutson, V.P. (136) 151)

Protein A; Protein G; IgG; IgA; IgE; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

IgM hybridoma
Class-switch variant; In vitro immunization; Sequential sublining (Mercken, M. (138) 173)

IgM rheumatoid factor
Interleukin-1 receptor antagonist; ELISA; Synovial fluid (Malyak, M. (140) 281)

ILISPOT
Immunofluorescence-digital image processing system; ELISPOT (Amano, M. (144) 127)

Image analysis
Neutrophil; Chemotaxis; Computerized method (Jensen, P. (144) 43)

Image processing
spot-ELISA; Monoclonal antibody; Hybridoma; Isotype switch variant (Coco-Martin, J.M. (145) 11)

Immediate early antigen
Cytomegalovirus, human; Alkaline phosphatase-anti-alkaline phosphatase technique; Immunogold-silver staining (Bein, G. (137) 175)

Immobilized antibody
Solid-phase; Paramagnetic particle; Organic solvent; Hexane; Progesterone (Weetall, H.H. (136) 139)

Dextran; Antigen-binding capacity; Immunoassay (Guzov, V.M. (145) 167)

Immobilized protein A
Antibody purification; Antiserum, chicken; ELISA (Knicker, S.M. (142) 53)

Immune complex
Anti-C1q antibody; C1q; Collagenase (Menzel, J.E. (138) 165)

Radioimmunoassay; ELISA; Thiophilic adsorption (Oscarsson, S. (143) 143)

Immune reconstitution
In situ hybridization; Immunophenotype; Chimerism; Bone marrow transplantation (Wang, Q. (139) 251)

Immune response, human
Flow cytometry; Monoclonal antibody; H65-RTA (Fishwild, D.M. (144) 27)

Immunity
Microbiology; *Salmonella*; Vaccine (Hormaeche, C.E. (142) 113)

Immunization
Monoclonal antibody; Factor X; Factor Xa; Nitrocellulose; Popliteal lymph node cell fusion; ELISA (Hoad, R.B. (136) 269)

Mucosa; Intestine; Migratory; Transplant; IgA; Cholera toxin (Kantak, A.G. (138) 191)

Immunoaffinity
Antibody isolation (Tsang, V.C.W. (138) 291)

Immunoassay
Amplification; Membrane (Bobrow, M.N. (137) 103)

Protein A; Luciferase; Bioluminescence; Fusion protein (Lindbladh, C. (137) 199)

Retinoic acid; Monoclonal antibody (Zhou, H.-R. (138) 211)

Interleukin-3; Fluorometric; Streptavidin; Time-resolved; Europium (Knopf, H.-P. (138) 233)

Colloidal dye; Dipstick; Antigen (Snowden, K. (140) 57)

Transforming growth factor β; Quantification; Bioassay (Meager, A. (141) 1)

Tumor necrosis factor receptor; (Fever); (Urine) (Liabakk, N.-B. (141) 237)

ELISA; Synthetic peptide; Antibody epitope; HIV (Boudet, F. (142) 73)

Recombinant human thyrotropin; Bioassay; Monoclonal antibody; Epitope mapping (Kashiwai, T. (143) 25)

Gene fusion; Streptokinase; Protein A (Schmidt, K.-H. (143) 111)

Solid-phase; Immunological method; Reflectance photometry (McCarthy, D. (143) 167)

Allergen; Specific IgE; Monoclonal antibody (Didierlaurent, A. (145) 33)

Enzyme inhibition; Arthritis; Inflammation; Epitope mapping; Acute phase (Stoner, C.R. (145) 127)

ELISA; Interleukin-3; Biotin; Streptavidin; Cytokine (Papoian, R. (145) 161)

Immobilized antibody; Dextran; Antigen-binding capacity (Guzov, V.M. (145) 167)

ELISA; Rubella (Mauracher, C.A. (145) 251)

Immunoassay, non-competitive
Avidin-biotin; One-step protocol; Two-step protocol; Monomeric antigen; Lactoferrin; Heterodimeric antigen; Lutropin (Vilja, P. (136) 77)

Immunoblot
ELISA; Enzyme immunoassay; Zearalenone; Aflatoxin; Mycotoxin; Chromatograpy, high performance thin layer (Pestka, J.J. (136) 177)

Polysaccharide coating; Vacuum filtration; Dot blot; Antibody-producing cell colony; Isoelectric focusing (Feng, S.-H. (137) 261)

Staphylococcal enterotoxin; Toxic shock syndrome toxin-1; Semiautomated electrophoresis (Orden, J.A. (144) 197)

Immunoblotting
IgE; Allergy; Food allergy; (Legume) (Herian, A.M. (140) 153)

Autoantibody; Autoantigen; Counter-immunoelectrophoresis; Immunodiffusion; ELISA; Rheumatic disease (Van Venrooij, W.J. (140) 181)

Myelopoiesis; Granulomonopoietic enhancing activity; Monoclonal antibody; ELISA (Lieu, C.-W. (141) 133)

Western blotting; Protease treatment; Species compatibility; Sensitivity (Pan, J. (141) 139)

Su antigen; Calf thymus nuclear extract; Deoxyribonuclease I; Immunoprecipitation (Treadwell, E.L. (142) 157)

Non-specific cross-reacting antigen (NCA-50) (Krop-Watorek, A. (142) 177)

New antigenic determinant (Mannik, M. (144) 265)

Copper staining; Sodium dodecyl sulfate-polyacrylamide gel electrophoresis (Seeber, F. (144) 269)

Immunocytochemistry
Monoclonal antibody; Nerve growth factor; ELISA; PC12 cell; Septal neuron (Kenigsberg, R.L. (136) 247)

Synthetic peptide; Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; ELISA (Laman, J.D. (145) 1)

Immunodeficiency
Scid beige mice; Bleeding time (Froidevaux, S. (137) 275)

Immunodiagnosis
Whole-blood mononuclear cell culture; Cytokine production; ELISA (Elsässer-Beile, U. (139) 191)

Immunodiffusion
Autoantibody; Autoantigen; Counter-immunoelectrophoresis; Immunoblotting; ELISA; Rheumatic disease (Van Venrooij, W.J. (140) 181)

Immunoenzyme triple staining
Sarcoidosis; Lavage; [^{3}H]Thymidine incorporation (Van Maarsseveen, T. (143) 95)

Immunoenzymometric assay
Secretory peroxidase; Myeloperoxidase; Peroxidase antibody; Avidin-biotin amplification; Saliva, human (Vilja, P. (141) 277)

Immunofluorescence
Interferon-γ; Interleukin-5; Peyer's patch; T helper 1, T helper 2 (Schoenbeck, S. (137) 47)

Flow cytometry; Platelet; Granulocyte; Lymphocyte; (Antibody) (Sintnicolaas, K. (142) 215)

Immunofluorescence-digital image processing system
ELISPOT; ILISPOT (Amano, M. (144) 127)

Immunofluorescence technique
Wegener's granulomatosis; Anti-neutrophil cytoplasmic antibody; Proteinase 3; Cancer cell line; Antigen shuttling (Mayet, W.J. (143) 57)

Immunogenicity
Antipeptide serum; Branched peptide (McLean, G.W. (137) 149)

Immunoglobulin
Gene; cDNA; Library; Polymerase chain reaction; Expressed repertoire (Huang, C. (141) 227)

Neutrophil; Phagocytosis; Opsonization; Complement; (Methods); (Antibody); (Antigen) (Rosen, H. (144) 117)

Protein A; Protein G; IgG; IgA; IgM; IgE; (Dog) (Peng, Z. (145) 255)

Immunoglobulin purification
Staphylococcal protein A; Streptococcal protein G (Pilcher, J.B. (136) 279)

Immunogold labeling
Chemotaxis; Lymphocyte migration; Lymphocyte subpopulation; Antibody staining; Boyden chamber (Schell-Frederick, E. (139) 25)

Immunogold-silver staining
Cytomegalovirus, human; Immediate early antigen; Alkaline phosphatase-anti-alkaline phosphatase technique (Bein, G. (137) 175)

Immunohistochemistry
Epidermal growth factor receptor; Monoclonal antibody; Immunoradiometric assay (Troalen, F. (143) 175)

Immunoinhibition
Anti-peptide antibody; Cathepsins B, L, D; Type IV collagenase (Coetzer, T.H.T. (136) 199)

Immuno-ligand assay
Hepatitis B PreS2 antibody; Silicon sensor (Hurni, W.M. (145) 19)

Immunological method
Immunoassay; Solid-phase; Reflectance photometry (McCarthy, D. (143) 167)

Immunomagnetic
Cell separation; Microsphere (Gee, A.P. (142) 127)

Immunomagnetic cell separation
Eosinophil, human; Anti-CD16; Formyl-methionyl-leucyl-phenylalanine (Hansel, T.T. (145) 105)

Immunomagnetic isolation
CD56$^+$ cell; Natural killer cell; Lymphokine-activated killer cell; Monoclonal antibody, CD56; Positive separation (Naume, B. (136) 1)

Immunomagnetic separation
Mononuclear cell, human; Monocyte (Fløe, R.W. (137) 89)

Immunoperoxidase
Flow cytometry; Endothelium; Antigen; Expression (Forsyth, K.D. (144) 93)

Immunophenotype
In situ hybridization; Chimerism; Bone marrow transplantation; Immune reconstitution (Wang, Q. (139) 251)

Immunoprecipitation
Su antigen; Calf thymus nuclear extract; Deoxyribonuclease I; Immunoblotting (Treadwell, E.L. (142) 157)

Immunopurification
Enterotoxin; *Staphylococcus aureus* (Shinagawa, K. (139) 49)

Immunoradiometric assay
Epidermal growth factor receptor; Monoclonal antibody; Immunohistochemistry (Troalen, F. (143) 175)

Interleukin-1β; Interleukin-6; Mono Mac 6; Pyrogen test (Rafferty, B. (144) 69)

Immunoreactive fraction
Monoclonal antibody; Cell surface antigen; Kinetic parameter (Dux, R. (144) 175)

Immunoreactivity
Monoclonal antibody; Oligosaccharide moiety; Periodate oxidation; Avidity; Affinity constant (Abraham, R. (144) 77)

Immunoscintigraphy
Technetium-99m labeling; Ascorbic acid; Monoclonal antibody (Thakur, M.L. (137) 217)

Immunosuppressants
Interferon-γ; ELISPOT assay; Concanavalin A; Splenocyte (Van der Meide, P.H. (144) 203)

Immunosuppression
Cyclophosphamide; Neonatal tolerization (Ou, S.K.-h. (145) 111)

Immunotherapy
Lymphokine activated killer cell; Tumor infiltrating lymphocyte; Cell culture; CS3000; Hollow fiber bioreactor (Yanelli, J.R. (139) 1)

Immunotoxin
Pokeweed antiviral protein; Monoclonal antibody (Myers, D.E. (136) 221)

Monoclonal antibody; Deglycosylated ricin A chain; Good laboratory practice; Large scale (Ghetie, V. (142) 223)

Inbred mouse
Autoimmune mouse; Fusion; Hybridoma; Monoclonal antibody (Yin, B.W.T. (144) 165)

^{111}Indium
Monoclonal antibody; Conjugation; Porphyrin (Bedel-Cloutour, C.H. (144) 35)

Indole-3-acetic acid
Heterologous; Enzyme immunoassay (Manning, K. (136) 61)

Indomethacin
Migration inhibition factor; Cellular immunity; Sensitive assay (Van der Gaag, R. (136) 69)

Infection
B lymphocyte; Transfection; Retrovirus; Gene expression (Overell, R.W. (141) 53)

Inflammation
Defensin; Neutrophil, human; Enzyme immunoassay; Monoclonal antibody; Host defense (Panyutich, A.V. (141) 149)

Immunoassay; Enzyme inhibition; Arthritis; Epitope mapping; Acute phase (Stoner, C.R. (145) 127)

Inhibin
Activin; Erythroid differentiation factor; Radioimmunoassay (Shintani, Y. (137) 267)

ELISA; Fluorescence sandwich; Activin; Synthetic peptide; Monoclonal antibody (Groome, N. (145) 65)

In situ hybridization
Immunophenotype; Chimerism; Bone marrow transplantation; Immune reconstitution (Wang, Q. (139) 251)

Cytokine mRNA; Oligonucleotide; Slide blot (Schwarz, M. (145) 27)

Insulin
Insulin A chain; Carboxy terminus; Radioimmunoassay; (Antibody) (Müllner, S. (140) 211)

Insulin A chain
Insulin; Carboxy terminus; Radioimmunoassay; (Antibody) (Müllner, S. (140) 211)

Insulinoma cell line, rat
CELISA; Monoclonal islet cell reactive antibody (Schlosser, M. (140) 101)

Interferon-γ
Immunofluorescence; Interleukin-5; Peyer's patch; T helper 1, T helper 2 (Schoenbeck, S. (137) 47)

Nitrite production; Bioassay; RAW cell (Migliorini, P. (139) 107)

Tumor infiltrating lymphocyte; Lymphokine secretion; Tumor necrosis factor; Adoptive immunotherapy; Tumor antigens (Barth, Jr., R.J. (140) 269)

Limit-dilution culture; Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte specificity; Cytotoxic T lymphocyte precursor; Interleukin-2; Interleukin-6 (Rogers, L.A. (143) 241)

ELISPOT assay; Immunosuppressants; Concanavalin A; Splenocyte (Van der Meide, P.H. (144) 203)

Interleukin-1
Monocyte; Agar plating (Hirunpetcharat, C. (140) 173)

Lymphocyte subset; Lymphocyte migration; Interleukin-8; Zymosan activated plasma (Ross, J.S. (140) 219)

Collaborative study (Poole, S. (142) 1)

Interleukin-1β
Interleukin-6; Immunoradiometric assay; Mono Mac 6; Pyrogen test (Rafferty, B. (144) 69)

Interleukin-1 radioassay
Interleukin-1 receptor (Scapigliati, G. (138) 31)

Interleukin-1 receptor
Interleukin-1 radioassay (Scapigliati, G. (138) 31)

Interleukin-1 receptor antagonist
ELISA; $_{A}{}_{G}$M rheumatoid factor; Synovial fluid (Malyak, M. (140) 281)

Interleukin-2
Limiting dilution analysis; Alloreactivity; Cytotoxic precursor (Lantz, O. (137) 121)

Membrane permeabilization; Lysolecithin; Intracellular immunofluorescence; Dual staining (Labalette-Houache, M. (138) 143)

Limiting dilution analysis; Anti-tetanus helper T lymphocyte frequency (Adams, P.W. (142) 231)

Limit-dilution culture; Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte specificity; Cytotoxic T lymphocyte precursor; Interleukin-6; Interferon-γ (Rogers, L.A. (143) 241)

Interleukin-2-dependent cell growth
Interleukin-2 receptor; Monoclonal antibody; Epitope; Affinity (Ohbo, K. (142) 61)

Interleukin-2 receptor
Monoclonal antibody; Epitope; Affinity; Interleukin-2-dependent cell growth (Ohbo, K. (142) 61)

Interleukin-3
Immunoassay; Fluorometric; Streptavidin; Time-resolved; Europium (Knopf, H.-P. (138) 233)

ELISA; Biotin; Streptavidin; Cytokine; Immunoassay (Papoian, R. (145) 161)

Interleukin-4
IgE; Switch; Fibroblastoid feeder cell; Monoclonal rat anti-mouse IgE antibody; ELISA (Ledermann, F. (141) 263)

Interleukin-5
Immunofluorescence; Interferon-γ; Peyer's patch; T helper 1, T helper 2 (Schoenbeck, S. (137) 47)

ELISA, sandwich; Monoclonal antibody (Fukuda, Y. (143) 89)

Interleukin-5, anti-human
Monoclonal antibody; ELISA (McNamee, L.A. (141) 81)

Interleukin-6
ELISA; Serum; Amplification (Helle, M. (138) 47)

Limit-dilution culture; Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte specificity; Cytotoxic T lymphocyte precursor; Interleukin-2; Interferon-γ (Rogers, L.A. (143) 241)

Interleukin-1β; Immunoradiometric assay; Mono Mac 6; Pyrogen test (Rafferty, B. (144) 69)

Colorimetric assay; Leukemia inhibitory factor; Differentiation inducing factor; Tetrazolium salt; MTT (Ohno, M. (145) 199)

Interleukin-8
Lymphocyte subset; Lymphocyte migration; Interleukin-1; Zymosan activated plasma (Ross, J.S. (140) 219)

Gene therapy; Gene transfer; Hematopoietic progenitor; Granulocyte-macrophage colony-forming unit; Retrovirus vector (Hamada, K. (141) 177)

Interstitial cystitis
Pentosanpolysulfate; ELISA (Callahan, H.J. (136) 53)

Intestine
Mucosa; Migratory; Immunization; Transplant; IgA; Cholera toxin (Kantak, A.G. (138) 191)

Intra- and inter-species hybridization
$CD4^+$; T cell hybridoma (Boots, A.M.H. (144) 1)

Intracellular immunofluorescence
Interleukin-2; Membrane permeabilization; Lysolecithin; Dual staining (Labalette-Houache, M. (138) 143)

Intracellular killing
Macrophage; Agarose coating; Oxidative burst; Flow cytometry; Phagocytosis (Château, M.-T. (143) 103)

Intrasplenic immunization
Cell-mediated immunity (Grohmann, U. (137) 9)

Intrathecal antibody synthesis
HIV; Recombinant antigen; Cerebrospinal fluid; HIV-encephalitis; ELISA (Weber, T. (136) 133)

Intravenous infusion
Gaucher's disease; ELISA; Glucocerebrosidase; Enzyme amplification; (Clinical) (Murray, G.J. (137) 113)

Invasion
Pertussis toxin; Lymphocyte migration; T cell lymphoma (Verschueren, H. (144) 231)

Invasive aspergillosis
Antigen detection; Reverse passive latex agglutination; Dot-blot assay (Burnie, J.P. (143) 187)

In vitro immunization
Forssman glycosphingolipid; Monoclonal antibody; Tumor-associated antigen (Gathuru, J.K. (137) 95)

Class-switch variant; Sequential sublining; IgM hybridoma (Mercken, M. (138) 173)

African swine fever virus antigen; Hybridoma (Federspiel, G. (145) 71)

In vitro neutralization assay
ELISA; Antivenom potency (Rungsiwongse, J. (136) 37)

Isoelectric focusing
Polysaccharide coating; Vacuum filtration; Dot blot; Immunoblot; Antibody-producing cell colony (Feng, S.-H. (137) 261)

IgD; Cerebrospinal fluid (Mavra, M. (144) 63)

Leprosy; BCG; Antigen 85 complex (Drowart, A. (145) 223)

Isotype switch variant
spot-ELISA; Monoclonal antibody; Hybridoma; Image processing (Coco-Martin, J.M. (145) 11)

J

Jacalin
Artocarpus integrifolia; D-Mannose-binding lectin; T cell mitogen; B cell polyclonal activator (Ferreira de Miranda Santos, I.K. (140) 197)

IgA, human serum; IgA1; IgA2 (Loomes, L.M. (141) 209)

K

Kinetic assay
Eosinophil; Eosinophil peroxidase; Colorimetric assay (White, S.R. (144) 257)

Kinetic parameter
Monoclonal antibody; Cell surface antigen; Immunoreactive fraction (Dux, R. (144) 175)

Kinetics
Monoclonal antibody; Association rate constant; Affinity constant (Karlsson, R. (145) 229)

Kolmogorov-Smirnov test
Flow cytometry; Complement; Biosynthesis; Fibroblast (Hetland, G. (140) 167)

L

Labeling
Concanavalin A; Fluorescence; Rhodamine; Eosin (Meadows, D.L. (143) 263)

β-Lactamase
ELISA; HIV-1 antibody diagnosis (Simon, H. (140) 85)

Lactoferrin
Avidin-biotin; Immunoassay, non-competitive; One-step protocol; Two-step protocol; Monomeric antigen; Heterodimeric antigen; Lutropin (Vilja, P. (136) 77)

Lactoperoxidase iodination
Placental protein 14; Monoclonal antibody; Protein purification; Chromatography, monoclonal immunoaffinity; Urine PP14 (Riittinen, L. (136) 85)

LAK-cell cytotoxicity
Lytic unit; Area under the curve; Response modifier; Hill transformation; Cooperativity (Dye, J.F. (138) 1)

Large scale
Monoclonal antibody; Deglycosylated ricin A chain; Immunotoxin; Good laboratory practice (Ghetie, V. (142) 223)

La (SS-B)
Ro (SS-A); Autoantibody; Transcription; Adenovirus (Slobbe, R. (138) 237)

Latex agglutination
Non-isotopic immunoassay; Turbidimetry; β_2 Microglobulin (Collet-Cassart, D. (142) 183)

Latex agglutination test
Transferrinuria; Albuminuria; Particle counting assay; Turbidimetry (Bernard, A. (144) 49)

Latex microsphere
HIV-1 gp160; Antigen-coated particle; Lymphocyte proliferation; Cytotoxic T lymphocyte (Wu, J.-Y. (143) 1)

Lavage
Sarcoidosis; [^{3}H]Thymidine incorporation; Immunoenzyme triple staining (Van Maarsseveen, T. (143) 95)

L929 bioassay
Tumor necrosis factor; Respiratory disease, swine; Alveolar macrophage, porcine (Baarsch, M.J. (140) 15)

Lectin
Mannan-binding protein; Liver; Complement (Ryley, N.G. (141) 73)

Leprosy
BCG; Antigen 85 complex; Isoelectric focusing (Drowart, A. (145) 223)

Leukemia
Leukocyte; Cell surface antigen; Flow cytometry; Monoclonal antibody; Clotted blood (De Vis, J. (137) 193)

Colorimetric MTT assay; Monocyte; Cytotoxicity (Van de Loosdrecht, A.A. (141) 15)

Leukemia inhibitory factor
Colorimetric assay; Differentiation inducing factor; Tetrazolium salt; MTT; Interleukin-6 (Ohno, M. (145) 199)

Leukocyte
Cell surface antigen; Flow cytometry; Monoclonal antibody; Clotted blood; Leukemia (De Vis, J. (137) 193)

Leukotriene B_4
Neutrophil; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Chemotaxis; Cellulose nitrate filter; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Polymorphonuclear leukocyte; Chemotaxis; Collagen gel; Visual assay (Haddox, J.L. (141) 41)

λgt11
cDNA library; Recombinant phage; T cell response (Gillard-Blaas, S. (139) 207)

Library
Immunoglobulin; Gene; cDNA; Polymerase chain reaction; Expressed repertoire (Huang, C. (141) 227)

Light scattering
Lymphocyte shape; Morphology; Shape factor (Eisele, S. (138) 103)

Limit-dilution culture
Cytotoxic T lymphocyte clone; Cytotoxic T lymphocyte specificity; Cytotoxic T lymphocyte precursor; Interleukin-2; Interleukin-6; Interferon-γ (Rogers, L.A. (143) 241)

Limiting dilution analysis
Alloreactivity; Interleukin-2; Cytotoxic precursor (Lantz, O. (137) 121)

ELISA; Urease; Hemolytic spot test (Cerrone, M.C. (138) 65)

Anti-tetanus helper T lymphocyte frequency; Interleukin-2 (Adams, P.W. (142) 231)

Lipopolysaccharide
Endotoxin; Ex vivo; Blood; Tumor necrosis factor; Cytokine (Wilson, B.M.G. (139) 233)

Liposome
Vaccine; Adjuvant (Alving, C.R. (140) 1)

Antigen presentation; Cytotoxic T lymphocyte; Ovalbumin (Zhou, F. (145) 143)

Listeria monocytogenes
Monoclonal antibody; Cluster analysis (Skjerve, E. (144) 11)

Liver
Mannan-binding protein; Complement; Lectin (Ryley, N.G. (141) 73)

Localization
Fluorescence; Homing; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Long chain biotin
Biotinamidohexanoic acid; Stability; *N*-Hydroxysulfosuccinimide; Hydrolysis; Aminolysis (Grumbach, I.M. (140) 205)

Luciferase
Protein A; Bioluminescence; Immunoassay; Fusion protein (Lindbladh, C. (137) 199)

Lutropin
Avidin-biotin; Immunoassay, non-competitive; One-step protocol; Two-step protocol; Monomeric antigen; Lactoferrin; Heterodimeric antigen (Vilja, P. (136) 77)

LY 223982
Neutrophil; Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Chemotaxis; Cellulose nitrate filter; Albumin; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Lymphoblastoid cell line
Ouabain; Lymphotoxin; Hybridoma fusion partner; Epstein-Barr virus; Monoclonal antibody, human (Ramachandra, R.N. (142) 21)

Lymphocyte
Avidin-peroxidase; Biotin; Cell adhesion molecule; ELISA; Epithelium (Pearce-Pratt, R. (140) 159)

CD8; Differentiation; Heterodimer; Transfectant (DiSanto, J.P. (141) 123)

Flow cytometry; Platelet; Granulocyte; Immunofluorescence; (Antibody) (Sintnicolaas, K. (142) 215)

Lymphocyte isolation
Brain parenchyma; Flow cytometry (Irani, D.N. (139) 223)

Lymphocyte migration
Chemotaxis; Lymphocyte subpopulation; Antibody staining; Immunogold labeling; Boyden chamber (Schell-Frederick, E. (139) 25)

Lymphocyte subset; Interleukin-1; Interleukin-8; Zymosan activated plasma (Ross, J.S. (140) 219)

Pertussis toxin; Invasion; T cell lymphoma (Verschueren, H. (144) 231)

Lymphocyte proliferation
Data processing; Computer program; Thymidine incorporation; β Scintillation counting (Schaudt, K. (138) 155)

Hoechst 33342; Hoechst 33258; Fluorescence assay (Blaheta, R.A. (142) 199)

HIV-1 gp160; Latex microsphere; Antigen-coated particle; Cytotoxic T lymphocyte (Wu, J.-Y. (143) 1)

Hoechst 33342; Serum-free culture medium (Bialek, R. (144) 223)

Lymphocyte shape
Morphology; Shape factor; Light scattering (Eisele, S. (138) 103)

Lymphocyte subpopulation
Chemotaxis; Lymphocyte migration; Antibody staining; Immunogold labeling; Boyden chamber (Schell-Frederick, E. (139) 25)

Lymphocyte subset
Lymphocyte migration; Interleukin-1; Interleukin-8; Zymosan activated plasma (Ross, J.S. (140) 219)

Lymphocyte transformation test
Bromodeoxyuridine; ELISA; Microtiter plate; (Antigen) (Huong, P.L.T. (140) 243)

Lymphokine-activated killer cell
Immunomagnetic isolation; $CD56^+$ cell; Natural killer cell; Monoclonal antibody, CD56; Positive separation (Naume, B. (136) 1)

Tumor infiltrating lymphocyte; Cell culture; CS3000; Immunotherapy; Hollow fiber bioreactor (Yanelli, J.R. (139) 1)

Natural killer cell; Effector-target conjugate; Flow cytometry (Radcliff, G. (139) 281)

Clonogenic microassay; Agar capillary (Echarti, C. (143) 41)

Lymphokine secretion
Tumor infiltrating lymphocyte; Interferon-γ; Tumor necrosis factor; Adoptive immunotherapy; Tumor antigens (Barth, Jr., R.J. (140) 269)

Lymphotoxin
Ouabain; Lymphoblastoid cell line; Hybridoma fusion partner; Epstein-Barr virus; Monoclonal antibody, human (Ramachandra, R.N. (142) 21)

Tumor necrosis factor; Bioassay (Branch, D.R. (143) 251)

Lymphotoxin receptor
Enzyme immunoassay; Tumor necrosis factor receptor; Tumor necrosis factor binding protein (Adolf, G.R. (143) 127)

Lysolecithin
Interleukin-2; Membrane permeabilization; Intracellular immunofluorescence; Dual staining (Labalette-Houache, M. (138) 143)

Lytic unit
LAK-cell cytotoxicity; Area under the curve; Response modifier; Hill transformation; Cooperativity (Dye, J.F. (138) 1)

M

Mab J28
Biotinylation; Carbohydrate; IgG1; Fetoacinar pancreatic antigen (Miralles, F. (140) 191)

Macrophage
Spleen; Cell line; Colony stimulating factor-1; Antigen presentation (Wilson, C.M. (137) 17)

Phagocytosis; Fc receptor; Zymosan (Greenberg, S. (139) 115)

Agarose coating; Oxidative burst; Flow cytometry; Phagocytosis; Intracellular killing (Château, M.-T. (143) 103)

Adoptive immunotherapy; Differentiation; Monocyte; Proliferation; Recombinant human granulocyte macrophage-colony stimulating factor (Eischen, A. (143) 209)

Macrophage phagocytosis
Adherence vs. internalization; Fluorescence quenching (Drevets, D.A. (142) 31)

Magnetic bead
Monoclonal antibody; *Salmonella* O:6,7 lipopolysaccharide; Enzyme immunoassay (Luk, J.M.C. (137) 1)

Magnetic beads
Multiple myeloma (Witzig, T.E. (144) 253)

Magnetic separation
Respiratory syncytial virus; ELISA; Dual-enzyme cascade (Vonk, G.P. (137) 133)

Maillard reaction
Advanced glycosylation end product; Fluorescent compounds; Diabetes mellitus; (Antibody) (Nakayama, H. (140) 119)

Major histocompatibility complex, solubilized
Biotinylation; ELISA; Avidin-biotin complex; Synthetic peptide (Griesmann, G.E. (138) 25)

Major histocompatibility complex class I
Peptide; HLA-A2; T cell recognition (Bednarek, M.A. (139) 41)

Major histocompatibility complex class II molecule
Peptide binding; Chromatography, thin layer; Nitrocellulose membrane; Cellulose polyacetate electrophoresis (Nag, B. (142) 105)

Human leukocyte antigen; Temperature-gradient gel electrophoresis; Direct sequencing (Meyer, C.G. (142) 251)

Malaria vaccine
Recombinant protein; Ni^{2+}-chelate affinity chromatography; Dot-blot analysis; Renaturation (Takacs, B.J. (143) 231)

Maleimide method
Tamm-Horsfall protein; ELISA; Urea (Uto, I. (138) 87)

Mannan-binding protein
Liver; Complement; Lectin (Ryley, N.G. (141) 73)

D-Mannose-binding lectin
Artocarpus integrifolia; Jacalin; T cell mitogen; B cell polyclonal activator (Ferreira de Miranda Santos, I.K. (140) 197)

Mast cell
Tryptase; Radioimmunoassay; Anaphylaxis (Enander, I. (138) 39)

Membrane
Immunoassay; Amplification (Bobrow, M.N. (137) 103)

Membrane permeabilization
Flow cytometry; Surface/internal antigen; Triple staining (Sumner, H. (136) 259)

Interleukin-2; Lysolecithin; Intracellular immunofluorescence; Dual staining (Labalette-Houache, M. (138) 143)

Flow cytofluorometry; Alveolar macrophage; Autofluorescence; Quenching (Halldén, G. (142) 207)

Mesenteric lymph node, Spleen
Double immunocytochemical staining; Antibody-containing cell; ELISA; Pneumococcal polysaccharide (Van den Dobbelsteen, G.P.J.M. (145) 93)

Microassay
Superoxide; Neutrophil, human; Dual wavelength; Formyl peptide (Chapman-Kirkland, E.S. (142) 95)

Microbead
IgA deficiency; Anti-IgA antibody; Flow cytometry (Syrjälä, M.T. (139) 265)

Microbial antigen
T helper cell clone; Antigen-specific (Katz, J. (138) 77)

Microbiology
Salmonella; Vaccine; Immunity (Hormaeche, C.E. (142) 113)

β_2 Microglobulin
Latex agglutination; Non-isotopic immunoassay; Turbidimetry (Collet-Cassart, D. (142) 183)

Microsphere
Immunomagnetic; Cell separation (Gee, A.P. (142) 127)

Microtiter plate
Bromodeoxyuridine; Lymphocyte transformation test; ELISA; (Antigen) (Huong, P.L.T. (140) 243)

Microtubule
ELISA, competitive; Cytoskeleton; Tubulin; HeLa cell (Thrower, D. (136) 45)

Microwell plate
Hydrazide; Glycoprotein; IgG; Enzyme immunoassay; ELISA (Brillhart, K.L. (144) 19)

Migration inhibition factor
Indomethacin; Cellular immunity; Sensitive assay (Van der Gaag, R. (136) 69)

Migratory
Mucosa; Intestine; Immunization; Transplant; IgA; Cholera toxin (Kantak, A.G. (138) 191)

Mitogen
Calcium flux; Flow cytometry; Fluo-3; Monoclonal antibody (Sei, Y. (137) 237)

Mitogen-stimulated lymphokine activated T killer cell
Recombinant human interleukin-2; Glioblastoma; Phenotyping (Yamamoto, R.S. (137) 225)

Mixed connective tissue disease
Anti-U1snRNP; Autoimmunity; U1-70K; Systemic lupus erythematosus (SLE); Autoantibody (Seelig, H.P. (143) 11)

Monoclonal antibody
Polyamine; ELISA (Schipper, R.G. (136) 23)

Placental protein 14; Protein purification; Chromatography, monoclonal immunoaffinity; Lactoperoxidase iodination; Urine PP14 (Riittinen, L. (136) 85)

Dot immunobinding assay; Non-purified antigen; Nitrocellulose paper disk (Steinitz, M. (136) 119)

IgM; Purification (Knutson, V.P. (136) 151)

Immunotoxin; Pokeweed antiviral protein (Myers, D.E. (136) 221)

Nerve growth factor; ELISA; Immunocytochemistry; PC12 cell; Septal neuron (Kenigsberg, R.L. (136) 247)

Factor X; Factor Xa; Immunization; Nitrocellulose; Popliteal lymph node cell fusion; ELISA (Hoad, R.B. (136) 269)

Magnetic bead; *Salmonella* O:6,7 lipopolysaccharide; Enzyme immunoassay (Luk, J.M.C. (137) 1)

Forssman glycosphingolipid; In vitro immunization; Tumor-associated antigen (Gathuru, J.K. (137) 95)

Parathyroid hormone; Oxidation; Two-site immunometric assay (Logue, F.C. (137) 159)

Leukocyte; Cell surface antigen; Flow cytometry; Clotted blood; Leukemia (De Vis, J. (137) 193)

Immunoscintigraphy; Technetium-99m labeling; Ascorbic acid (Thakur, M.L. (137) 217)

Calcium flux; Flow cytometry; Fluo-3; Mitogen (Sei, Y. (137) 237)

Affinity; Calculation model (Larsson, Å. (137) 253)

Gm allotype; ELISA, capture (Nelson, P.N. (138) 57)

Purification; Stabilization; Solubilization (Jiskoot, W. (138) 181)

Retinoic acid; Immunoassay (Zhou, H.-R. (138) 211)

IgG, bovine; Fetal bovine serum; Purification (Jiskoot, W. (138) 273)

Sandwich enzyme immunoassay; Osteocalcin; γ-Carboxylation (Koyama, N. (139) 17)

Cell surface antigen; Epitope (Wilson, B.E. (139) 55)

Endothelial cell; Flow cytometry; Detection of rare blood cells; Vascular disorder (George, F. (139) 65)

Respiratory mucus; Mucin glycoprotein (Kanamaru, Y. (139) 167)

Polyclonal activator; Protein purified derivative (Fiori, P.L. (139) 181)

ELISA, IgG subclass antibody; *Staphylococcus aureus*; *Haemophilus influenzae* b; Pneumococcal capsular polysaccharide; Dextran; Tetanus toxoid (Ruths, S. (140) 67)

Glycated hemoglobin; Glycohemoglobin; Diabetes (Steward, L.A. (140) 145)

Affinity; Association; Fc region; Cooperative binding (Van Erp, R. (140) 235)

Type II collagen; Type IX collagen; Articular cartilage (Chichester, C. (140) 259)

dot-ELISA; Peptide; Phe-Met-Arg-Phe-amide; Cholecystokinin (Sithigorngul, P. (141) 23)

Interleukin-5, anti-human; ELISA (McNamee, L.A. (141) 81)

Epitope; IgG2, human; Pepsin; Papain; Cleavage site (Harada, S. (141) 89)

Myelopoiesis; Granulomonopoietic enhancing activity; ELISA; Immunoblotting (Lieu, C.-W. (141) 133)

Defensin; Neutrophil, human; Enzyme immunoassay; Host defense; Inflammation (Panyutich, A.V. (141) 149)

Affinity constant; Virus antigen; ELISA; Ultracentrifugation; Tobacco mosaic virus (Azimzadeh, A. (141) 199)

Enzyme immunoassay; C-reactive protein; Protein adsorption; Protein denaturation (Shields, M.J. (141) 253)

Anti-idiotope; *Plasmodium falciparum*; Heterohybridoma (Li, J.-L. (142) 15)

Interleukin-2 receptor; Epitope; Affinity; Interleukin-2-dependent cell growth (Ohbo, K. (142) 61)

Neuroendocrine 7B2 protein; Recombinant DNA; Epitope mapping; Epitope targeting; Sandwich enzyme immunoassay (Van Duijnhoven, H.L.P. (142) 187)

Deglycosylated ricin A chain; Immunotoxin; Good laboratory practice; Large scale (Ghetie, V. (142) 223)

Recombinant human thyrotropin; Bioassay; Immunoassay; Epitope mapping (Kashiwai, T. (143) 25)

Interleukin-5; ELISA, sandwich (Fukuda, Y. (143) 89)

Peptide; Electrofusion; Potyvirus (Werkmeister, J.A. (143) 151)

Epidermal growth factor receptor; Immunoradiometric assay; Immunohistochemistry (Troalen, F. (143) 175)

α_1-Antitrypsin; Rheumatoid arthritis (Abbink, J.J. (143) 197)

Listeria monocytogenes; Cluster analysis (Skjerve, E. (144) 11)

Flow cytometry; Immune response, human; H65-RTA (Fishwild, D.M. (144) 27)

^{111}Indium; Conjugation; Porphyrin (Bedel-Cloutour, C.H. (144) 35)

Oligosaccharide moiety; Periodate oxidation; Avidity; Affinity constant; Immunoreactivity (Abraham, R. (144) 77)

Serum amyloid A; C reactive protein; ELISA (McDonald, T.L. (144) 149)

Autoimmune mouse; Fusion; Hybridoma; Inbred mouse (Yin, B.W.T. (144) 165)

Cell surface antigen; Immunoreactive fraction; Kinetic parameter (Dux, R. (144) 175)

Neisseria; IgA1 protease; IgA1; Polyclonal serum; (Human) (Blake, M.S. (144) 215)

Hybridoma; Ascites; Backcross fusion (Mattes, C.E. (144) 241)

spot-ELISA; Hybridoma; Isotype switch variant; Image processing (Coco-Martin, J.M. (145) 11)

Allergen; Specific IgE; Immunoassay (Didierlaurent, A. (145) 33)

ELISA; Fluorescence sandwich; Inhibin; Activin; Synthetic peptide (Groome, N. (145) 65)

Serum-free medium; Hybridoma cell lines; Serum-free culture (Mariani, E. (145) 175)

Hybridoma; Serum-free; Nutridoma (Federspiel, G. (145) 213)

Kinetics; Association rate constant; Affinity constant (Karlsson, R. (145) 229)

Monoclonal antibody, CD56
Immunomagnetic isolation; $CD56^+$ cell; Natural killer cell; Lymphokine activated killer cell; Positive separation (Naume, B. (136) 1)

Monoclonal antibody, chicken
Cell fusion; B cell line (Nishinaka, S. (139) 217)

Monoclonal antibody, human
Ouabain; Lymphoblastoid cell line; Lymphotoxin; Hybridoma fusion partner; Epstein-Barr virus (Ramachandra, R.N. (142) 21)

Hybridoma; Cell fusion; GIT medium (Kudo, T. (145) 119)

Monoclonal antibody purification
Chromatography, fast protein liquid; Blue DEAE gel; Thiophilic adsorption (Juronen, E. (136) 103)

Epithelial mucin; Chromatography, affinity; Synthetic peptide epitope (Price, M.R. (139) 83)

Monoclonal islet cell reactive antibody
CELISA; Insulinoma cell line, rat (Schlosser, M. (140) 101)

Monoclonal rat anti-mouse IgE antibody
IgE; Interleukin-4; Switch; Fibroblastoid feeder cell; ELISA (Ledermann, F. (141) 263)

Monocyte
Mononuclear cell, human; Immunomagnetic separation (Fløe, R.W. (137) 89)

Flow cytometry; DuoChrome; T lymphocyte; B lymphocyte; Natural killer; Polymorphonuclear cell (Carayon, P. (138) 257)

Hybridoma; Cell fusion; Monokine (Shaked, A. (140) 45)

Interleukin-1; Agar plating (Hirunpetcharat, C. (140) 173)

Colorimetric MTT assay; Cytotoxicity; Leukemia (Van de Loosdrecht, A.A. (141) 15)

Adoptive immunotherapy; Differentiation; Macrophage; Proliferation; Recombinant human granulocyte macrophage-colony stimulating factor (Eischen, A. (143) 209)

Purification; Sepracell (Denholm, E.M. (144) 247)

Monokine
Monocyte; Hybridoma; Cell fusion (Shaked, A. (140) 45)

Mono Mac 6
Interleukin-1β; Interleukin-6; Immunoradiometric assay; Pyrogen test (Rafferty, B. (144) 69)

Monomeric antigen
Avidin-biotin; Immunoassay, non-competitive; One-step protocol; Two-step protocol; Lactoferrin; Heterodimeric antigen; Lutropin (Vilja, P. (136) 77)

Mononuclear cell, human
Immunomagnetic separation; Monocyte (Fløe, R.W. (137) 89)

Morphology
Lymphocyte shape; Shape factor; Light scattering (Eisele, S. (138) 103)

Moulds
Sodium dodecyl sulfate polyacrylamide gel electrophoresis; Nitrocellulose immunoblotting; Resolution; Sample treatment; IgG interference; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

MTT
Colorimetric assay; Leukemia inhibitory factor; Differentiation inducing factor; Tetrazolium salt; Interleukin-6 (Ohno, M. (145) 199)

Colorimetric MTT assay
Monocyte; Cytotoxicity; Leukemia (Van de Loosdrecht, A.A. (141) 15)

Mucin glycoprotein
Respiratory mucus; Monoclonal antibody (Kanamaru, Y. (139) 167)

Mucosa
Intestine; Migratory; Immunization; Transplant; IgA; Cholera toxin (Kantak, A.G. (138) 191)

Multiple myeloma
Magnetic beads (Witzig, T.E. (144) 253)

Mumps virus
Semliki Forest virus; Anti-idiotypic antibody; Anti-anti-idiotypic antibody; Anti-idiotypic vaccine; Quil A; Adjuvant (Oosterlaken, T.A.M. (136) 169)

Mycotoxin
Immunoblot; ELISA; Enzyme immunoassay; Zearalenone; Aflatoxin; Chromatograpy, high performance thin layer (Pestka, J.J. (136) 177)

Myelin-associated glycoprotein
Sulfated glucuronic acid paragloboside; Peripheral neuropathy; Gammopathy (Burger, D. (140) 31)

Myeloperoxidase
Eosinophil peroxidase; Eosinophil peroxidase deficiency (Menegazzi, R. (137) 55)

Secretory peroxidase; Peroxidase antibody; Immunoenzymometric assay; Avidin-biotin amplification; Saliva, human (Vilja, P. (141) 277)

Myeloperoxidase, human
Neutrophil; Radioimmunoassay; Trauma; Sepsis (Pincemail, J. (137) 181)

Myelopoiesis
Granulomonopoietic enhancing activity; Monoclonal antibody; ELISA; Immunoblotting (Lieu, C.-W. (141) 133)

N

Natural autoantibody
Anti-dsDNA antibody; ELISA, anti-dsDNA; Specificity; Protamine sulphate (Brinkman, K. (139) 91)

Natural killer
Flow cytometry; DuoChrome; T lymphocyte; B lymphocyte; Monocyte; Polymorphonuclear cell (Carayon, P. (138) 257)

Natural killer cell
Immunomagnetic isolation; $CD56^+$ cell; Lymphokine-activated killer cell; Monoclonal antibody, CD56; Positive separation (Naume, B. (136) 1)

Lymphokine activated killer cell; Effector-target conjugate; Flow cytometry (Radcliff, G. (139) 281)

Neisseria
IgA1 protease; IgA1; Monoclonal antibody; Polyclonal serum; (Human) (Blake, M.S. (144) 215)

Neonatal tolerization
Immunosuppression; Cyclophosphamide (Ou, S.K.-h. (145) 111)

Nerve growth factor
Monoclonal antibody; ELISA; Immunocytochemistry; PC12 cell; Septal neuron (Kenigsberg, R.L. (136) 247)

Neuroendocrine 7B2 protein
Monoclonal antibody; Recombinant DNA; Epitope mapping; Epitope targeting; Sandwich enzyme immunoassay (Van Duijnhoven, H.L.P. (142) 187)

Neutrophil
Leukotriene B_4; *N*-formyl-L-methionyl-L-leucyl-L-phenylalanine; C5a; Chemotaxis; Cellulose nitrate filter; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Myeloperoxidase, human; Radioimmunoassay; Trauma; Sepsis (Pincemail, J. (137) 181)

Phagocytosis; Chemiluminescence (Sandgren, C.H. (141) 63)

Chemotaxis; Image analysis; Computerized method (Jensen, P. (144) 43)

Phagocytosis; Opsonization; Complement; Immunoglobulin; (Methods); (Antibody); (Antigen) (Rosen, H. (144) 117)

Neutrophil, human
Defensin; Enzyme immunoassay; Monoclonal antibody; Host defense; Inflammation (Panyutich, A.V. (141) 149)

Microassay; Superoxide; Dual wavelength; Formyl peptide (Chapman-Kirkland, E.S. (142) 95)

New antigenic determinant
Immunoblotting (Mannik, M. (144) 265)

***N*-formyl-L-methionyl-L-leucyl-L-phenylalanine**
Neutrophil; Leukotriene B_4; C5a; Chemotaxis; Cellulose nitrate filter; Albumin; LY 223982; Hydrophilic Durapore filter (Psychoyos, S. (137) 37)

Ni^{2+}-chelate affinity chromatography
Recombinant protein; Malaria vaccine; Dot-blot analysis; Renaturation (Takacs, B.J. (143) 231)

Nitrite production
Interferon-γ; Bioassay; RAW cell (Migliorini, P. (139) 107)

Nitrocellulose
Monoclonal antibody; Factor X; Factor Xa; Immunization; Popliteal lymph node cell fusion; ELISA (Hoad, R.B. (136) 269)

Nitrocellulose immunoblotting
Sodium dodecyl sulfate polyacrylamide gel electrophoresis; Resolution; Sample treatment; IgG interference; Moulds; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

Nitrocellulose membrane
Major histocompatibility complex class II molecule; Peptide binding; Chromatography, thin layer; Cellulose polyacetate electrophoresis (Nag, B. (142) 105)

Nitrocellulose paper disk
Dot immunobinding assay; Non-purified antigen; Monoclonal antibody (Steinitz, M. (136) 119)

Non-isotopic immunoassay
Latex agglutination; Turbidimetry; β_2 Microglobulin (Collet-Cassart, D. (142) 183)

Non-purified antigen
Dot immunobinding assay; Monoclonal antibody; Nitrocellulose paper disk (Steinitz, M. (136) 119)

Non-specific cross-reacting antigen (NCA-50)
Immunoblotting (Krop-Watorek, A. (142) 177)

Nutridoma
Hybridoma; Monoclonal antibody; Serum-free (Federspiel, G. (145) 213)

Nycodenz
Blood; Polymorphonuclear neutrophil; Chemotaxis; (Rat) (Freeman, G.E. (139) 241)

O

Oligonucleotide
In situ hybridization; Cytokine mRNA; Slide blot (Schwarz, M. (145) 27)

Oligosaccharide moiety
Monoclonal antibody; Periodate oxidation; Avidity; Affinity constant; Immunoreactivity (Abraham, R. (144) 77)

One-step enzyme immunoassay
Hepatitis B surface antigen; Hook effect (Palomäki, P. (145) 55)

One-step protocol
Avidin-biotin; Immunoassay, non-competitive; Two-step protocol; Monomeric antigen; Lactoferrin; Heterodimeric antigen; Lutropin (Vilja, P. (136) 77)

Opsonization
Neutrophil; Phagocytosis; Complement; Immunoglobulin; (Methods); (Antibody); (Antigen) (Rosen, H. (144) 117)

Complement; C3; C4; Flow cytometry; Polystyrene microsphere; Deficiency (Spycher, M.O. (145) 83)

Organic solvent
Solid-phase; Paramagnetic particle; Hexane; Progesterone; Immobilized antibody (Weetall, H.H. (136) 139)

Osmotic loading
Cytotoxic T lymphocyte; pH sensitive liposome; Class I processing; (Antigen) (Reddy, R. (141) 157)

Osteocalcin
Monoclonal antibody; Sandwich enzyme immunoassay; γ-Carboxylation (Koyama, N. (139) 17)

Ouabain
Lymphoblastoid cell line; Lymphotoxin; Hybridoma fusion partner; Epstein-Barr virus; Monoclonal antibody, human (Ramachandra, R.N. (142) 21)

Ovalbumin
Liposome; Antigen presentation; Cytotoxic T lymphocyte (Zhou, F. (145) 143)

Oxidation
Monoclonal antibody; Parathyroid hormone; Two-site immunometric assay (Logue, F.C. (137) 159)

Oxidative burst
Macrophage; Agarose coating; Flow cytometry; Phagocytosis; Intracellular killing (Château, M.-T. (143) 103)

Oxypolygelatine
Freezing; Serum; Plasma expander (Groth, J. (141) 105)

P

p24 antigen
HIV isolation; AIDS; Enzyme immunoassay (Kontio, S. (139) 257)

Papain
IgE, mouse; Proteolytic digestion; Pepsin; Trypsin (Haba, S. (138) 15)

Epitope; IgG2, human; Monoclonal antibody; Pepsin; Cleavage site (Harada, S. (141) 89)

Paramagnetic particle
Solid-phase; Organic solvent; Hexane; Progesterone; Immobilized antibody (Weetall, H.H. (136) 139)

Parathyroid hormone
Monoclonal antibody; Oxidation; Two-site immunometric assay (Logue, F.C. (137) 159)

Particle counting assay
Transferrinuria; Albuminuria; Latex agglutination test; Turbidimetry (Bernard, A. (144) 49)

Parvovirus B19, human
Peptide; Serology (Fridell, E. (138) 125)

PC12 cell
Monoclonal antibody; Nerve growth factor; ELISA; Immunocytochemistry; Septal neuron (Kenigsberg, R.L. (136) 247)

Pentosanpolysulfate
ELISA; Interstitial cystitis (Callahan, H.J. (136) 53)

Pepsin
IgE, mouse; Proteolytic digestion; Papain; Trypsin (Haba, S. (138) 15)

Epitope; IgG2, human; Monoclonal antibody; Papain; Cleavage site (Harada, S. (141) 89)

Peptide
Parvovirus B19, human; Serology (Fridell, E. (138) 125)

Major histocompatibility complex class I; HLA-A2; T cell recognition (Bednarek, M.A. (139) 41)

dot-ELISA; Monoclonal antibody; Phe-Met-Arg-Phe-amide; Cholecystokinin (Sithigorngul, P. (141) 23)

Monoclonal antibody; Electrofusion; Potyvirus (Werkmeister, J.A. (143) 151)

Peptide binding
Major histocompatibility complex class II molecule; Chromatography, thin layer; Nitrocellulose membrane; Cellulose polyacetate electrophoresis (Nag, B. (142) 105)

Peptide synthesis
ELISA; Epitope; Affinity fractionation; Peptide vaccine (Tribbick, G. (139) 155)

Peptide vaccine
Peptide synthesis; ELISA; Epitope; Affinity fractionation (Tribbick, G. (139) 155)

Periodate
Synthetic peptide; Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Glutaraldehyde; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Periodate oxidation
Monoclonal antibody; Oligosaccharide moiety; Avidity; Affinity constant; Immunoreactivity (Abraham, R. (144) 77)

Peripheral neuropathy
Sulfated glucuronic acid paragloboside; Gammopathy; Myelin-associated glycoprotein (Burger, D. (140) 31)

Peritoneal fluid
Complement factor D; Purification; Chronic ambulatory peritoneal dialysis; Renal failure; (Human) (Catana, E. (138) 265)

Peritoneal macrophage, mouse
DEAE-dextran mediated transfection; DNA transfer; CAT reporter gene assay (Rupprecht, A.P. (144) 157)

Peroxidase
Synthetic peptide; Epitope; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Peroxidase antibody
Secretory peroxidase; Myeloperoxidase; Immunoenzymometric assay; Avidin-biotin amplification; Saliva, human (Vilja, P. (141) 277)

Pertussis toxin
Lymphocyte migration; Invasion; T cell lymphoma (Verschueren, H. (144) 231)

Peyer's patch
Immunofluorescence; Interferon-γ; Interleukin-5; T helper 1, T helper 2 (Schoenbeck, S. (137) 47)

Phagocytosis
Macrophage; Fc receptor; Zymosan (Greenberg, S. (139) 115)

Chemiluminescence; Neutrophil (Sandgren, C.H. (141) 63)

Macrophage; Agarose coating; Oxidative burst; Flow cytometry; Intracellular killing (Château, M.-T. (143) 103)

Neutrophil; Opsonization; Complement; Immunoglobulin; (Methods); (Antibody); (Antigen) (Rosen, H. (144) 117)

Phe-Met-Arg-Phe-amide
dot-ELISA; Peptide; Monoclonal antibody; Cholecystokinin (Sithigorngul, P. (141) 23)

Phenotyping
Mitogen-stimulated lymphokine activated T killer cell; Recombinant human interleukin-2; Glioblastoma (Yamamoto, R.S. (137) 225)

pH sensitive liposome
Cytotoxic T lymphocyte; Osmotic loading; Class I processing; (Antigen) (Reddy, R. (141) 157)

PKH-26
Fluorescence; Homing; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Fluorescence; Homing; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-26; Cytotoxicity; Proliferation; (Murine) (Samlowski, W.E. (144) 101)

Placental protein 14
Monoclonal antibody; Protein purification; Chromatography, monoclonal immunoaffinity; Lactoperoxidase iodination; Urine PP14 (Riittinen, L. (136) 85)

Plasma, bovine
Prolactin, bovine; ELISA; Biotin-avidin (Secchi, C. (136) 17)

Plasma expander
Freezing; Serum; Oxypolygelatine (Groth, J. (141) 105)

Plasmodium falciparum
Anti-idiotope; Heterohybridoma; Monoclonal antibody (Li, J.-L. (142) 15)

Platelet
Flow cytometry; Granulocyte; Lymphocyte; Immunofluorescence; (Antibody) (Sintnicolaas, K. (142) 215)

Platelet-derived growth factor
Synthetic peptide; Antipeptide monoclonal antibody; Radioimmunoassay (Khachigian, L.M. (140) 249)

Pneumococcal capsular polysaccharide
ELISA, IgG subclass antibody; Monoclonal antibody; *Staphylococcus aureus*; *Haemophilus influenzae* b; Dextran; Tetanus toxoid (Ruths, S. (140) 67)

Pneumococcal polysaccharide
Double immunocytochemical staining; Antibody-containing cell; ELISA; Mesenteric lymph node, Spleen (Van den Dobbelsteen, G.P.J.M. (145) 93)

Pokeweed antiviral protein
Immunotoxin; Monoclonal antibody (Myers, D.E. (136) 221)

Polyacrylamide
Antibiotic; Radial diffusion assay; *Escherichia*; Fungi; *Salmonella* (Lehrer, R.I. (137) 167)

Polyamine
ELISA; Monoclonal antibody (Schipper, R.G. (136) 23)

Polyclonal activator
Monoclonal antibody; Protein purified derivative (Fiori, P.L. (139) 181)

Polyclonal antibody production
Ascites tumor; BALB/c; Pristane; Freund's adjuvant; *Chlamydia trachomatis*; *Borrelia burgdoferi*; *Borrelia hermsii* (Cevenini, R. (140) 111)

Polyclonal serum
Neisseria; IgA1 protease; IgA1; Monoclonal antibody; (Human) (Blake, M.S. (144) 215)

Polymerase chain reaction
Complement; Receptor, complement; CR1; Gene amplification; Genetic; DNA (Cornillet, P. (136) 193)

Immunoglobulin; Gene; cDNA; Library; Expressed repertoire (Huang, C. (141) 227)

Polymeric
Adsorption; ELISA; Coating; Biomaterial (Underwood, P.A. (142) 83)

Polymorphonuclear cell
Flow cytometry; DuoChrome; T lymphocyte; B lymphocyte; Natural killer; Monocyte (Carayon, P. (138) 257)

Polymorphonuclear leukocyte
Chemotaxis; Collagen gel; Visual assay; Leukotriene B_4 (Haddox, J.L. (141) 41)

Polymorphonuclear neutrophil
Blood; Nycodenz; Chemotaxis; (Rat) (Freeman, G.E. (139) 241)

Polysaccharide coating
Vacuum filtration; Dot blot; Immunoblot; Antibody-producing cell colony; Isoelectric focusing (Feng, S.-H. (137) 261)

Polystyrene microsphere
Opsonization; Complement; C3; C4; Flow cytometry; Deficiency (Spycher, M.O. (145) 83)

Polyvinylidenedifluoride membrane
Affinity purification; Autoantibody; Triosephosphate isomerase (Ritter, K. (137) 209)

Popliteal lymph node cell fusion
Monoclonal antibody; Factor X; Factor Xa; Immunization; Nitrocellulose; ELISA (Hoad, R.B. (136) 269)

Porphyrin
Monoclonal antibody; ^{111}Indium; Conjugation (Bedel-Cloutour, C.H. (144) 35)

Positive separation
Immunomagnetic isolation; CD56$^+$ cell; Natural killer cell; Lymphokine activated killer cell; Monoclonal antibody, CD56 (Naume, B. (136) 1)

Potyvirus
Monoclonal antibody; Peptide; Electrofusion (Werkmeister, J.A. (143) 151)

Pristane
Ascites tumor; BALB/c; Polyclonal antibody production; Freund's adjuvant; *Chlamydia trachomatis*; *Borrelia burgdoferi*; *Borrelia hermsii* (Cevenini, R. (140) 111)

Progesterone
Solid-phase; Paramagnetic particle; Organic solvent; Hexane; Immobilized antibody (Weetall, H.H. (136) 139)

Prolactin, bovine
ELISA; Biotin-avidin; Plasma, bovine (Secchi, C. (136) 17)

Proliferation
Adoptive immunotherapy; Differentiation; Monocyte; Macrophage; Recombinant human granulocyte macrophage-colony stimulating factor (Eischen, A. (143) 209)

Fluorescence; Homing; Localization; Fluorescein isothiocyanate; Hoechst 33342; PKH-2; PKH-26; Cytotoxicity; (Murine) (Samlowski, W.E. (144) 101)

Proliferation assay
Colorimetric assay; Tetrazolium salt; XTT (Roehm, N.W. (142) 257)

Protamine-reactive IgM
ELISA problems; Stoichiometry of solid-phase assays; Antigen-antibody reactivity; Correction for 'background' in the ELISA (Pruslin, F.H. (137) 27)

Protamine sulphate
Anti-dsDNA antibody; ELISA, anti-dsDNA; Specificity; Natural autoantibody (Brinkman, K. (139) 91)

Protease treatment
Western blotting; Immunoblotting; Species compatibility; Sensitivity (Pan, J. (141) 139)

Protein A
Protein G; Recombinant fusion protein (Lew, A.M. (136) 211)

Luciferase; Bioluminescence; Immunoassay; Fusion protein (Lindbladh, C. (137) 199)

Rheumatoid factor; Protein G; Radioimmunoassay; IgG (Raeder, R. (138) 201)

Semicarbazide; *Staphylococcus aureus*; Enzyme; Amplification; Foods (Brooks, J.L. (140) 79)

Gene fusion; Streptokinase; Immunoassay (Schmidt, K.-H. (143) 111)

ELISA; Fc; Trypsin (Guidry, A.J. (143) 159)

Staphylococcus aureus; ELISA; IgG; Chicken IgY (Linder, L.E. (145) 241)

Protein G; IgG; IgA; IgM; IgE; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

Protein adsorption
Enzyme immunoassay; C-reactive protein; Protein denaturation; Monoclonal antibody (Shields, M.J. (141) 253)

Proteinase 3
Wegener's granulomatosis; Anti-neutrophil cytoplasmic antibody; Cancer cell line; Antigen shuttling; Immunofluorescence technique (Mayet, W.J. (143) 57)

Protein denaturation
Enzyme immunoassay; C-reactive protein; Protein adsorption; Monoclonal antibody (Shields, M.J. (141) 253)

Protein G
Protein A; Recombinant fusion protein (Lew, A.M. (136) 211)

Rheumatoid factor; Protein A; Radioimmunoassay; IgG (Raeder, R. (138) 201)

Protein A; IgG; IgA; IgM; IgE; Immunoglobulin; (Dog) (Peng, Z. (145) 255)

Protein purification
Placental protein 14; Monoclonal antibody; Chromatography, monoclonal immunoaffinity; Lactoperoxidase iodination; Urine PP14 (Riittinen, L. (136) 85)

Protein purified derivative
Polyclonal activator; Monoclonal antibody (Fiori, P.L. (139) 181)

Proteolytic digestion
IgE, mouse; Papain; Pepsin; Trypsin (Haba, S. (138) 15)

Protozoan hemoparasite
Viability assay; Flow cytometry (Wyatt, C.R. (140) 23)

Pseudomonas
Ig binding; Fc region (Grover, S. (141) 187)

Purification
IgM; Monoclonal antibody (Knutson, V.P. (136) 151)

Monoclonal antibody; Stabilization; Solubilization (Jiskoot, W. (138) 181)

Complement factor D; Peritoneal fluid; Chronic ambulatory peritoneal dialysis; Renal failure; (Human) (Catana, E. (138) 265)

IgG, bovine; Fetal bovine serum; Monoclonal antibody (Jiskoot, W. (138) 273)

Eosinophil cationic protein; ELISA (Reimert, C.M. (138) 285)

Cell culture medium; (Antibody) (Graf, H. (139) 135)

Monocyte; Sepracell (Denholm, E.M. (144) 247)

Purification method
Chromatography, fast protein liquid; Chromatography, anion-exchange; C3, human; C3, guinea pig (Basta, M. (142) 39)

Pyrogen test
Interleukin-1β; Interleukin-6; Immunoradiometric assay; Mono Mac 6 (Rafferty, B. (144) 69)

Q

Quantification
Transforming growth factor β; Bioassay; Immunoassay (Meager, A. (141) 1)

Quenching
Flow cytofluorometry; Alveolar macrophage; Autofluorescence; Membrane permeabilization (Halldén, G. (142) 207)

Quil A
Semliki Forest virus; Mumps virus; Anti-idiotypic antibody; Anti-anti-idiotypic antibody; Anti-idiotypic vaccine; Adjuvant (Oosterlaken, T.A.M. (136) 169)

R

Radial diffusion assay
Antibiotic; Polyacrylamide; *Escherichia*; Fungi; *Salmonella* (Lehrer, R.I. (137) 167)

Radioimmunoassay
Myeloperoxidase, human; Neutrophil; Trauma; Sepsis (Pincemail, J. (137) 181)

Activin; Erythroid differentiation factor; Inhibin (Shintani, Y. (137) 267)

Tryptase; Mast cell; Anaphylaxis (Enander, I. (138) 39)

Rheumatoid factor; Protein A; Protein G; IgG (Raeder, R. (138) 201)

Insulin; Insulin A chain; Carboxy terminus; (Antibody) (Müllner, S. (140) 211)

Synthetic peptide; Antipeptide monoclonal antibody; Platelet-derived growth factor (Khachigian, L.M. (140) 249)

ELISA; Thiophilic adsorption; Immune complex (Oscarsson, S. (143) 143)

RAW cell
Interferon-γ; Nitrite production; Bioassay (Migliorini, P. (139) 107)

Receptor, complement
Complement; CR1; Polymerase chain reaction; Gene amplification; Genetic; DNA (Cornillet, P. (136) 193)

Recombinant antigen
HIV; Intrathecal antibody synthesis; Cerebrospinal fluid; HIV-encephalitis; ELISA (Weber, T. (136) 133)

Recombinant DNA
Monoclonal antibody; Neuroendocrine 7B2 protein; Epitope mapping; Epitope targeting; Sandwich enzyme immunoassay (Van Duijnhoven, H.L.P. (142) 187)

Recombinant fusion protein
Protein A; Protein G (Lew, A.M. (136) 211)

Recombinant human granulocyte macrophage-colony stimulating factor
Adoptive immunotherapy; Differentiation; Monocyte; Macrophage; Proliferation (Eischen, A. (143) 209)

Recombinant human interleukin-2
Mitogen-stimulated lymphokine activated T killer cell; Glioblastoma; Phenotyping (Yamamoto, R.S. (137) 225)

Recombinant human thyrotropin
Bioassay; Immunoassay; Monoclonal antibody; Epitope mapping (Kashiwai, T. (143) 25)

Recombinant phage
cDNA library; λgt11; T cell response (Gillard-Blaas, S. (139) 207)

Recombinant protein
Ni^{2+}-chelate affinity chromatography; Malaria vaccine; Dot-blot analysis; Renaturation (Takacs, B.J. (143) 231)

Reduction of non-specific binding
Chemiluminescent sandwich enzyme immunoassay; α-Fetoprotein (Aoyagi, S. (137) 73)

Reflectance photometry
Immunoassay; Solid-phase; Immunological method (McCarthy, D. (143) 167)

Renal failure
Complement factor D; Purification; Peritoneal fluid; Chronic ambulatory peritoneal dialysis; (Human) (Catana, E. (138) 265)

Renaturation
Recombinant protein; Ni^{2+}-chelate affinity chromatography; Malaria vaccine; Dot-blot analysis (Takacs, B.J. (143) 231)

Resolution
Sodium dodecyl sulfate polyacrylamide gel electrophoresis; Nitrocellulose immunoblotting; Sample treatment; IgG interference; Moulds; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

Respiratory disease, swine
Tumor necrosis factor; Alveolar macrophage, porcine; L929 bioassay (Baarsch, M.J. (140) 15)

Respiratory mucus
Mucin glycoprotein; Monoclonal antibody (Kanamaru, Y. (139) 167)

Respiratory syncytial virus
ELISA; Magnetic separation; Dual-enzyme cascade (Vonk, G.P. (137) 133)

Response modifier
LAK-cell cytotoxicity; Lytic unit; Area under the curve; Hill transformation; Cooperativity (Dye, J.F. (138) 1)

Retinoic acid
Monoclonal antibody; Immunoassay (Zhou, H.-R. (138) 211)

Retrovirus
B lymphocyte; Transfection; Infection; Gene expression (Overell, R.W. (141) 53)

Retrovirus vector
Gene therapy; Gene transfer; Hematopoietic progenitor; Granulocyte-macrophage colony-forming unit; Interleukin (Hamada, K. (141) 177)

Reverse passive latex agglutination
Invasive aspergillosis; Antigen detection; Dot-blot assay (Burnie, J.P. (143) 187)

Rheumatic disease
Autoantibody; Autoantigen; Counter-immunoelectrophoresis; Immunoblotting; Immunodiffusion; ELISA (Van Venrooij, W.J. (140) 181)

Rheumatoid arthritis
Anti-endothelial antibody; ELISA; Rheumatoid vasculitis; Systemic lupus erythematosus (Heurkens, A.H.M. (141) 33)

α_1-Antitrypsin; Monoclonal antibody (Abbink, J.J. (143) 197)

Rheumatoid factor
Protein A; Protein G; Radioimmunoassay; IgG (Raeder, R. (138) 201)

Rheumatoid vasculitis
Anti-endothelial antibody; ELISA; Rheumatoid arthritis; Systemic lupus erythematosus (Heurkens, A.H.M. (141) 33)

Rhodamine
Concanavalin A; Fluorescence; Labeling; Eosin (Meadows, D.L. (143) 263)

Ro (SS-A)
La (SS-B); Autoantibody; Transcription; Adenovirus (Slobbe, R. (138) 237)

Rubella
ELISA; Immunoassay (Mauracher, C.A. (145) 251)

S

Saliva, human
Secretory peroxidase; Myeloperoxidase; Peroxidase antibody; Immunoenzymometric assay; Avidin-biotin amplification (Vilja, P. (141) 277)

Salmonella
Antibiotic; Radial diffusion assay; Polyacrylamide; *Escherichia*; Fungi (Lehrer, R.I. (137) 167)

Microbiology; Vaccine; Immunity (Hormaeche, C.E. (142) 113)

***Salmonella* O:6,7 lipopolysaccharide**
Monoclonal antibody; Magnetic bead; Enzyme immunoassay (Luk, J.M.C. (137) 1)

Sample treatment
Sodium dodecyl sulfate polyacrylamide gel electrophoresis; Nitrocellulose immunoblotting; Resolution; IgG interference; Moulds; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

Sandwich enzyme immunoassay
Monoclonal antibody; Osteocalcin; γ-Carboxylation (Koyama, N. (139) 17)

Monoclonal antibody; Neuroendocrine 7B2 protein; Recombinant DNA; Epitope mapping; Epitope targeting (Van Duijnhoven, H.L.P. (142) 187)

Sarcoidosis
Lavage; [^{3}H]Thymidine incorporation; Immunoenzyme triple staining (Van Maarsseveen, T. (143) 95)

***Scid beige* mice**
Immunodeficiency; Bleeding time (Froidevaux, S. (137) 275)

β Scintillation counting
Data processing; Computer program; Lymphocyte proliferation; Thymidine incorporation (Schaudt, K. (138) 155)

Screening assay
Beryllium; Vacuum deposition; ELISA; Element; (Antibody) (Clarke, S.M. (137) 65)

Secretory peroxidase
Myeloperoxidase; Peroxidase antibody; Immunoenzymometric assay; Avidin-biotin amplification; Saliva, human (Vilja, P. (141) 277)

Semiautomated electrophoresis
Staphylococcal enterotoxin; Toxic shock syndrome toxin-1; Immunoblot (Orden, J.A. (144) 197)

Semicarbazide
Staphylococcus aureus; Protein A; Enzyme; Amplification; Foods (Brooks, J.L. (140) 79)

Semliki Forest virus
Mumps virus; Anti-idiotypic antibody; Anti-anti-idiotypic antibody; Anti-idiotypic vaccine; Quil A; Adjuvant (Oosterlaken, T.A.M. (136) 169)

Sensitive assay
Indomethacin; Migration inhibition factor; Cellular immunity (Van der Gaag, R. (136) 69)

Sensitivity
Western blotting; Immunoblotting; Protease treatment; Species compatibility (Pan, J. (141) 139)

Sepracell
Monocyte; Purification (Denholm, E.M. (144) 247)

Sepsis
Myeloperoxidase, human; Neutrophil; Radioimmunoassay; Trauma (Pincemail, J. (137) 181)

Septal neuron
Monoclonal antibody; Nerve growth factor; ELISA; Immunocytochemistry; PC12 cell (Kenigsberg, R.L. (136) 247)

Septic shock
Tumor necrosis factor; Anti-tumor necrosis factor; Cytotoxic neutralization (Galloway, C.J. (140) 37)

Sequential sublining
Class-switch variant; In vitro immunization; IgM hybridoma (Mercken, M. (138) 173)

Serine esterase
C1; Chromatography, affinity (Lane, P.D. (141) 219)

Serologically defined male-specific antigen
H-Y antigen; Enzyme immunoassay (Reilly, B.D. (142) 121)

Serology
Parvovirus B19, human; Peptide (Fridell, E. (138) 125)

Serum
ELISA; Interleukin-6; Amplification (Helle, M. (138) 47)

Freezing; Oxypolygelatine; Plasma expander (Groth, J. (141) 105)

Serum amyloid A
Enzyme immunoassay; (Critically ill patient) (Taktak, Y.S. (136) 11)

C reactive protein; ELISA; Monoclonal antibody (McDonald, T.L. (144) 149)

Serum estradiol
Idiotypic antibody; Anti-idiotypic antibody; Time-resolved fluorescence (Altamirano-Bustamante, A. (138) 95)

Serum-free
Hybridoma; Monoclonal antibody; Nutridoma (Federspiel, G. (145) 213)

Serum-free culture
Serum-free medium; Hybridoma cell lines; Monoclonal antibody (Mariani, E. (145) 175)

Serum-free culture medium
Hoechst 33342; Lymphocyte proliferation (Bialek, R. (144) 223)

Serum-free medium
Hybridoma cell lines; Serum-free culture; Monoclonal antibody (Mariani, E. (145) 175)

Serum requirement
TCRγδ$^+$ cell; Bacterial stimulation (Seki, S. (139) 31)

Shape factor
Lymphocyte shape; Morphology; Light scattering (Eisele, S. (138) 103)

Silicon sensor
Hepatitis B PreS2 antibody; Immuno-ligand assay (Hurni, W.M. (145) 19)

Slide blot
Oligonucleotide; In situ hybridization; Cytokine mRNA (Schwartz, M. (145) 27)

Sodium dodecyl sulfate polyacrylamide gel electrophoresis
Nitrocellulose immunoblotting; Resolution; Sample treatment; IgG interference; Moulds; *Aspergillus fumigatus*; *Alternaria alternata* (Karlsson-Borgå, Å. (136) 91)

Sodium dodecyl sulfate-polyacrylamide gel electrophoresis
Copper staining; Immunoblotting (Seeber, F. (144) 269)

Solid-phase
Paramagnetic particle; Organic solvent; Hexane; Progesterone; Immobilized antibody (Weetall, H.H. (136) 139)

Immunoassay; Immunological method; Reflectance photometry (McCarthy, D. (143) 167)

Solid-phase assay
Antibody affinity; Epitope density; Fluid-phase assay (Holland, G.P. (138) 245)

Solid-phase peptide synthesis
ELISA; Epitope mapping; Cytochrome *c* (Savoca, R. (141) 245)

Solubilization
Monoclonal antibody; Purification; Stabilization (Jiskoot, W. (138) 181)

Southern blot analysis
Apoptosis detection; DNA fragmentation (Facchinetti, A. (136) 125)

Species compatibility
Western blotting; Immunoblotting; Protease treatment; Sensitivity (Pan, J. (141) 139)

Specific IgE
Allergen; Monoclonal antibody; Immunoassay (Didierlaurent, A. (145) 33)

Specificity
Anti-dsDNA antibody; ELISA, anti-dsDNA; Natural autoantibody; Protamine sulphate (Brinkman, K. (139) 91)

Spleen
Macrophage; Cell line; Colony stimulating factor-1; Antigen presentation (Wilson, C.M. (137) 17)

Splenocyte
Interferon-γ; ELISPOT assay; Immunosuppressants; Concanavalin A (Van der Meide, P.H. (144) 203)

Stability
Biotinamidohexanoic acid; Long chain biotin; *N*-Hydroxysulfosuccinimide; Hydrolysis; Aminolysis (Grumbach, I.M. (140) 205)

Stabilization
Monoclonal antibody; Purification; Solubilization (Jiskoot, W. (138) 181)

Staphylococcal enterotoxin
Toxic shock syndrome toxin-1; Immunoblot; Semiautomated electrophoresis (Orden, J.A. (144) 197)

Staphylococcal protein A
Streptococcal protein G; Immunoglobulin purification (Pilcher, J.B. (136) 279)

Staphylococcus aureus
Enterotoxin; Immunopurification (Shinagawa, K. (139) 49)

ELISA, IgG subclass antibody; Monoclonal antibody; *Haemophilus influenzae* b; Pneumococcal capsular polysaccharide; Dextran; Tetanus toxoid (Ruths, S. (140) 67)

Semicarbazide; Protein A; Enzyme; Amplification; Foods (Brooks, J.L. (140) 79)

Protein A; ELISA; IgG; Chicken IgY (Linder, L.E. (145) 241)

Statistics
Assay replicate (Stone, A.A. (136) 111)

Steroid receptor quantitation
Estrogen receptor; Estrogen receptor immuno-quantitation (Bettini, E. (144) 87)

Stoichiometry of solid-phase assays
ELISA problems; Protamine-reactive IgM; Antigen-antibody reactivity; Correction for 'background' in the ELISA (Pruslin, F.H. (137) 27)

Streptavidin
Interleukin-3; Immunoassay; Fluorometric; Time-resolved; Europium (Knopf, H.-P. (138) 233)

ELISA; Interleukin-3; Biotin; Cytokine; Immunoassay (Papoian, R. (145) 161)

Streptococcal protein G
Staphylococcal protein A; Immunoglobulin purification (Pilcher, J.B. (136) 279)

Streptokinase
Gene fusion; Protein A; Immunoassay (Schmidt, K.-H. (143) 111)

Su antigen
Calf thymus nuclear extract; Deoxyribonuclease I; Immunoblotting; Immunoprecipitation (Treadwell, E.L. (142) 157)

Sulfated glucuronic acid paragloboside
Peripheral neuropathy; Gammopathy; Myelin-associated glycoprotein (Burger, D. (140) 31)

Superoxide
Microassay; Neutrophil, human; Dual wavelength; Formyl peptide (Chapman-Kirkland, E.S. (142) 95)

Surface / internal antigen
Flow cytometry; Membrane permeabilization; Triple staining (Sumner, H. (136) 259)

Switch
IgE; Interleukin-4; Fibroblastoid feeder cell; Monoclonal rat anti-mouse IgE antibody; ELISA (Ledermann, F. (141) 263)

Synovial fluid
Interleukin-1 receptor antagonist; ELISA; IgM rheumatoid factor (Malyak, M. (140) 281)

Synthetic peptide
Biotinylation; ELISA; Avidin-biotin complex; Major histocompatibility complex, solubilized (Griesmann, G.E. (138) 25)

Antipeptide monoclonal antibody; Radioimmunoassay; Platelet-derived growth factor (Khachigian, L.M. (140) 249)

Immunoassay; ELISA; Antibody epitope; HIV (Boudet, F. (142) 73)

Epitope; Peroxidase; β-Galactosidase; Alkaline phosphatase; Periodate; Glutaraldehyde; Conjugation; Immunocytochemistry; ELISA (Laman, J.D. (145) 1)

Granzyme A; BLT esterase; Chromium release; Cytotoxic T lymphocyte (Suhrbier, A. (145) 43)

ELISA; Fluorescence sandwich; Inhibin; Activin; Monoclonal antibody (Groome, N. (145) 65)

Synthetic peptide epitope
Epithelial mucin; Monoclonal antibody purification; Chromatography, affinity (Price, M.R. (139) 83)

Systemic candidosis
hsp 90; Epitope mapping; Diagnostic test (Matthews, R. (143) 73)

Systemic lupus erythematosus
Anticardiolipin antibody; ELISA (Rupin, A. (138) 225)

Anti-endothelial antibody; ELISA; Rheumatoid arthritis; Rheumatoid vasculitis (Heurkens, A.H.M. (141) 33)

Systemic lupus erythematosus (SLE)
Anti-U1snRNP; Autoimmunity; U1-70K; Mixed connective tissue disease; Autoantibody (Seelig, H.P. (143) 11)

T

Tamm-Horsfall protein
ELISA; Urea; Maleimide method (Uto, I. (138) 87)

T cell
Endothelium; Extracellular matrix; Adhesion (Cavender, D.E. (144) 185)

T cell hybridoma
$CD4^+$; Intra- and inter-species hybridization (Boots, A.M.H. (144) 1)

T cell lymphoma
Pertussis toxin; Lymphocyte migration; Invasion (Verschueren, H. (144) 231)

T cell mitogen
Artocarpus integrifolia; D-Mannose-binding lectin; Jacalin; B cell polyclonal activator (Ferreira de Miranda Santos, I.K. (140) 197)

T cell recognition
Peptide; Major histocompatibility complex class I; HLA-A2 (Bednarek, M.A. (139) 41)

T cell response
cDNA library; λgt11; Recombinant phage (Gillard-Blaas, S. (139) 207)

TCR$\gamma\delta^+$ cell
Bacterial stimulation; Serum requirement (Seki, S. (139) 31)

Technetium-99m labeling
Immunoscintigraphy; Ascorbic acid; Monoclonal antibody (Thakur, M.L. (137) 217)

Teflon-coated microscope slide
ELISA; HIV (Smith, K.O. (136) 239)

Temperature-gradient gel electrophoresis
Human leukocyte antigen; Major histocompatibility complex; Direct sequencing (Meyer, C.G. (142) 251)

Tetanus toxoid
ELISA, IgG subclass antibody; Monoclonal antibody; *Staphylococcus aureus*; *Haemophilus influenzae* b; Pneumococcal capsular polysaccharide; Dextran (Ruths, S. (140) 67)

3,3′,5,5′-Tetramethylbenzidine
ELISA; Assay range; Human chorionic gonadotropin; Free α subunit; Human follicle stimulating hormone (Madersbacher, S. (138) 121)

Tetrazolium salt
Colorimetric assay; Proliferation assay; XTT (Roehm, N.W. (142) 257)

Colorimetric assay; Leukemia inhibitory factor; Differentiation inducing factor; MTT; Interleukin-6 (Ohno, M. (145) 199)

T helper cell clone
Antigen-specific; Microbial antigen (Katz, J. (138) 77)

T helper 1, T helper 2
Immunofluorescence; Interferon-γ; Interleukin-5; Peyer's patch (Schoenbeck, S. (137) 47)

Thiophilic adsorption
Chromatography, fast protein liquid; Monoclonal antibody purification; Blue DEAE gel (Juronen, E. (136) 103)

Radioimmunoassay; ELISA; Immune complex (Oscarsson, S. (143) 143)

Thymidine incorporation
Data processing; Computer program; Lymphocyte proliferation; β Scintillation counting (Schaudt, K. (138) 155)

Thymocyte
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